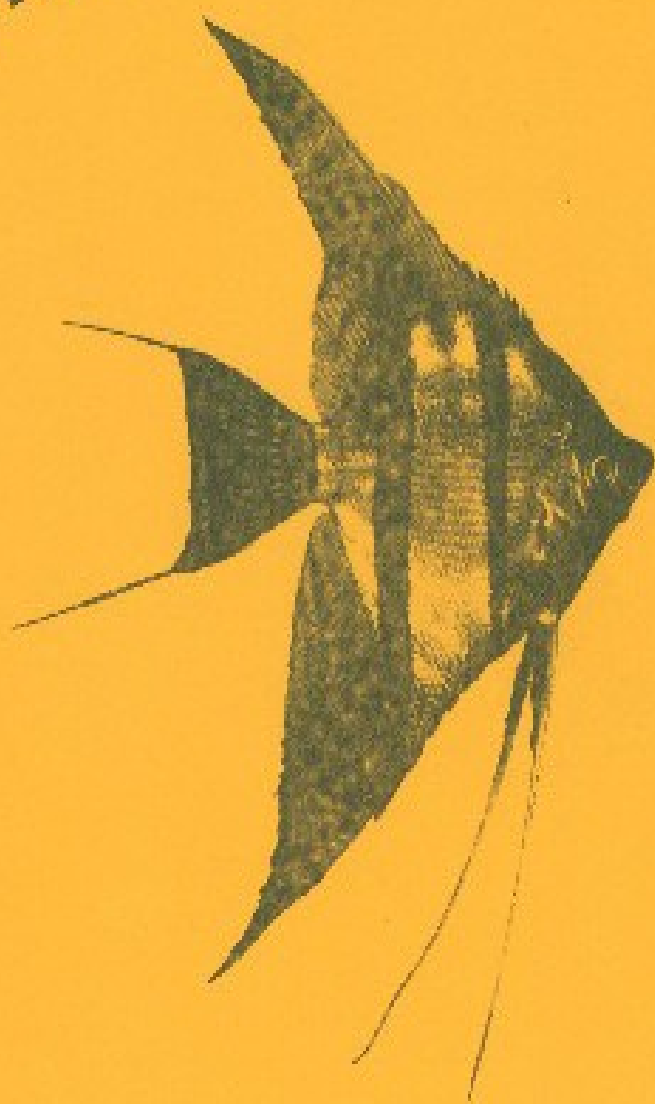


SOUTHEND, LEIGH & DISTRICT



AQUARIST SOCIETY.
founded 1935 or before

SOUTHEND, LEIGH DISTRICT AQUARIST SOCIETY
(founded 1935 or before)

The Society meets every first and third Tuesday in each month at 8.00 p.m., at:-

ST ANDREWS HALL
ELECTRIC AVENUE
WESTCLIFF-ON-SEA
ESSEX
(entrance in South View Drive)

BI-MONTHLY JOURNAL
Number 53

JANUARY – FEBRUARY 1974

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OPEN SHOW - MAY 1.1, 1974. contact D.C.M.Durrant, 172, Trinity Road, Southend-On-Sea, Essex, for details.

HELP Derek Durrant will need many hands for all facets of the OPEN SHOW will you lend him a pair - see him now!

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EXCHANGES WELCOMED please send exchanges to the Editor. I

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PRESIDENT'S NOTES

The 1974 program has been decided on and, by the time you read this, should be in your hands. We hoped and tried to print all speakers names on the card but this has not been possible due to lack of replies from some or refusals or reluctance by others caused by possible lack of petrol, trains etc, (anyone got a spare horse). Your Secretary will be following up on this to try and improve our 1974 program over last years when we were let down more than once at the last minute.

Preparations for the Open Show are going ahead despite possible snags over light and heat. We hope that further restrictions will not force us or any other Societies to cancel.

According to the F.B.A.S. at their A.G.M. in December, attendance at the PetFish Monthly Show was low— ideas are evidently needed to encourage the public to come in in greater numbers. Any ideas from members can be passed onto the F.B.A.S. who look after the judging etc side of the Show.

I would like, on behalf of S.L-A.D.A.S. to wish all aquarists a happy and successful New Year. Also every success to Howard and Chris who are off to Mexico again; we look forward to more articles, slides and of course fish on their return.

EDITORIAL

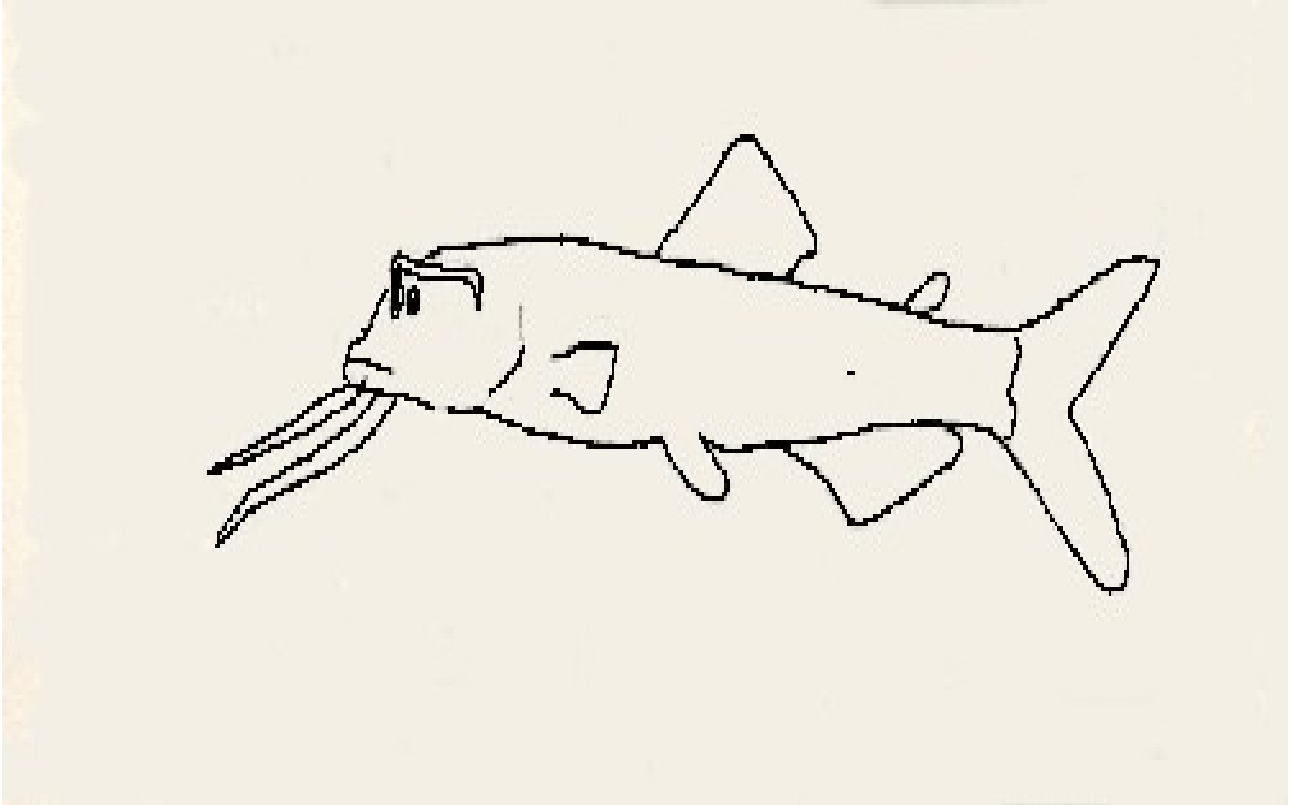
Observant members and readers will notice that one issue of the **JOURNAL** has been missed this is partly due to the Editor's tardiness and partly due to the industrial dispute on the Railways, (I have another phrase to fit the latter but perhaps it might not be thought fitting for an aquatic magazine). We have had to refrain from printing the committee meeting reports in this issue this is simply due to the fact that I didn't check on how many stencils I had in the box. Perhaps members may now feel sorry they re-elected me, how about finding another nutter next year?

How are members and readers in the U.K. getting around the power crisis as; far as their fish are concerned personally I used paraffin wax to heat my shed when paraffin oil disappeared from the local garages. I made little lamps on the principal of a miners lamp; they worked very well. Don't repeat don't burn ordinary candles in your fish house or you could have a "black-out" I know! the only things that didn't get covered in soot were the fish.

Ron Mann has had to resign due to ill health, we all wish you well Ron and expect to see you soon.

KNOW YOUR COMMITTEE FISH

by Dr Herbert R. Axlegrease

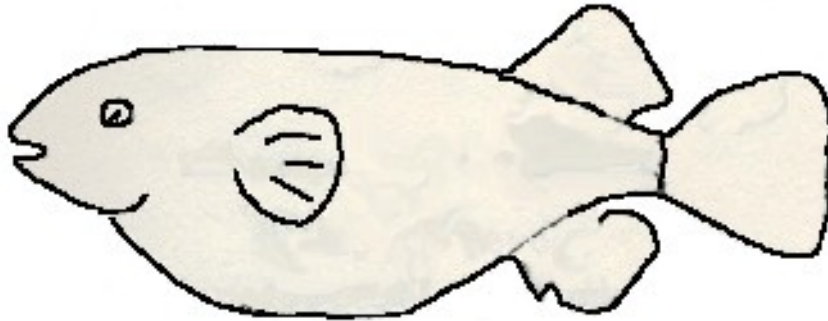


Presidentialis cheswrighti (Top Catfish)

HABITAT: Slow moving backwaters of Essex.

FOOD Mainly consists of rectangular pieces of green or blue paper supplimented with small round bits of metal.

DESCRIPTION This impressive fish has a normal body colour of grey which changes to brilliant red when caught unawares. Numerous long barbels on lower jaw. Unfortunately has poor sight. Emits loud croaking noise if his favourite food is taken by other species

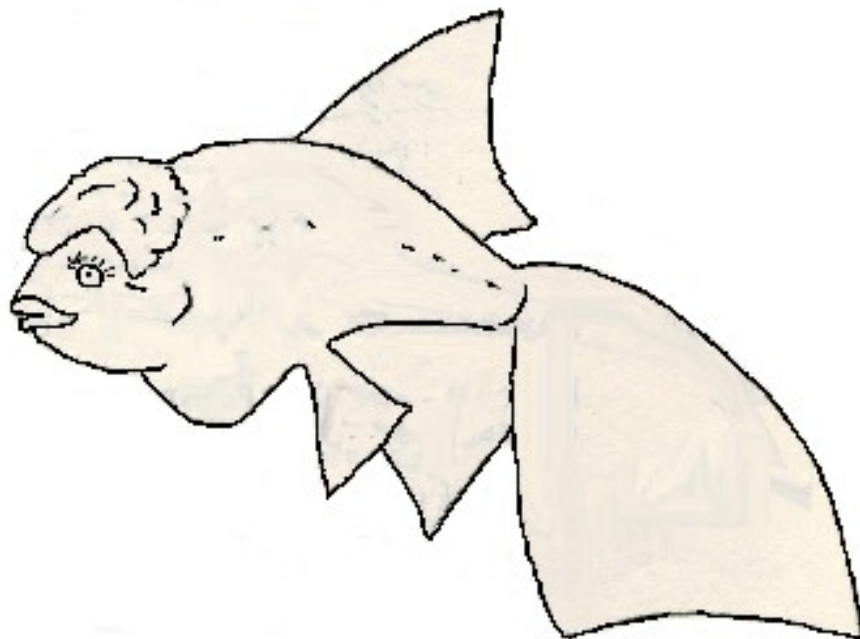


Vicepresidenton finchatus (puffer)

HABITAT: Usually found floundering along bumpy unmade tracks in Rayleigh.

FOOD: All foods taken freely.

DESCRIPTION? You're joking!

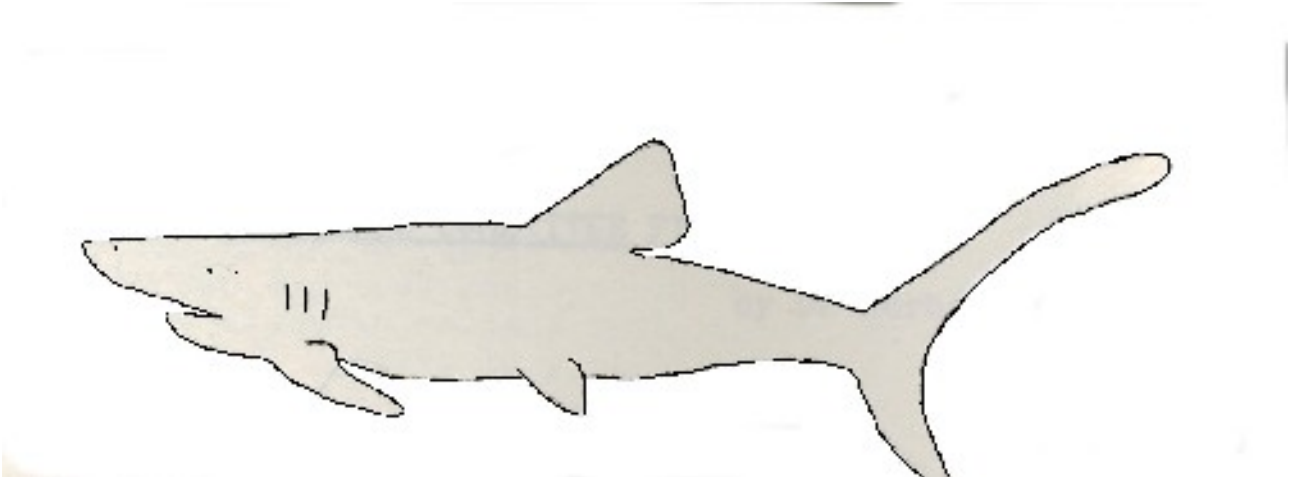


Secreterius dotii

HABITAT Low lying marshland in the Thames Estuary.

FOOD: Kind and amount of food varies according to fishes body shape.

DESCRIPTION Body and fins can be impressive but will not display under normal conditions



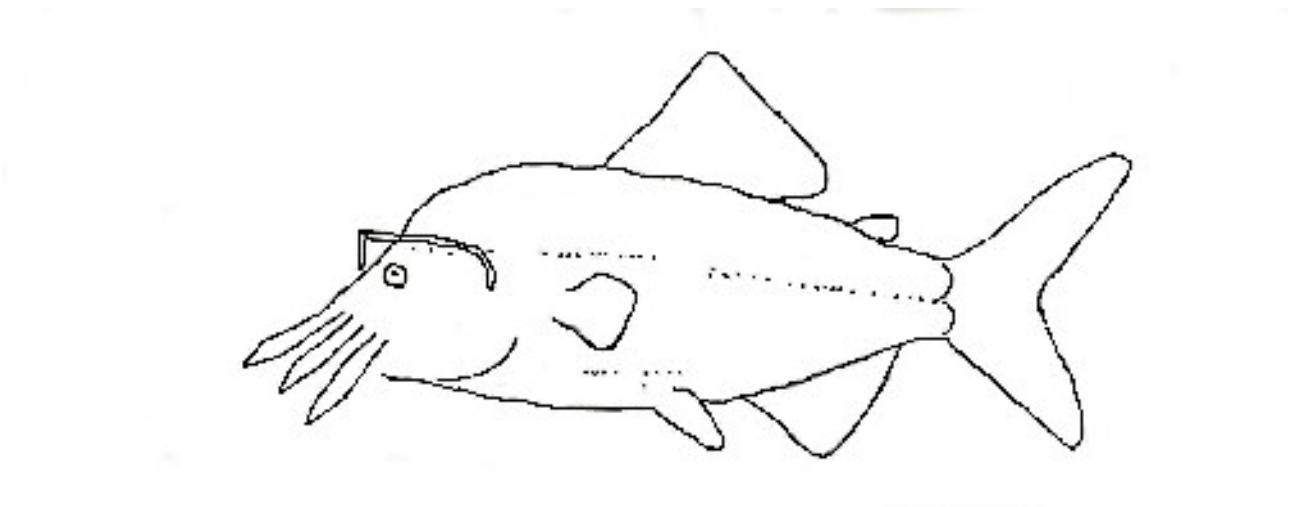
***Moneygrabus chapmani* (Purse fish)**

HABITAT: Anywhere green and blue rectangular paper is seen.

FOOD Large amounts of the above plus small round pieces of metal

DESCRIPTION; Voracious species which swoops on it's food with unerring accuracy. Often taking it from other species.

=====



***Editoras caponatus* (Laughing.catfish)**

HABITAT? Anywhere he can hear voices of scanal fish

FOODs *Digests small rumours and spits them out as gross exaggerations*

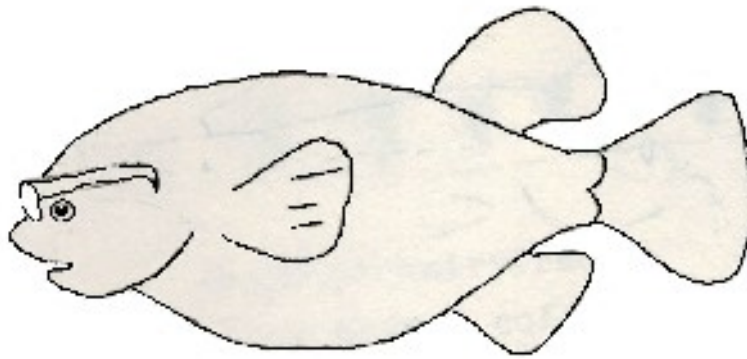
DESCRIPTIONS Libelous

=====

Awaiting `photo

***Editoras assisti* (Mephram) (Lesser handle turner)**

As above but lacks barbel. Also a shy species and little is known about it.



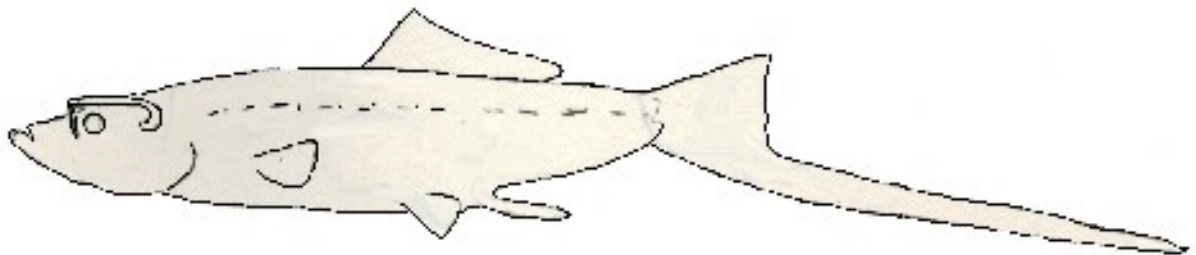
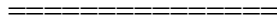
***Bookydon joycei* (lesser puffer)**

HABITATS Found in libraries and in holes in pavements

FOOD: Known to prefer underground wires, this habit often annoys other species trying to communicate.

DESCRIPTION:

A good specimen should be heavy bodied with large prominent teeth.

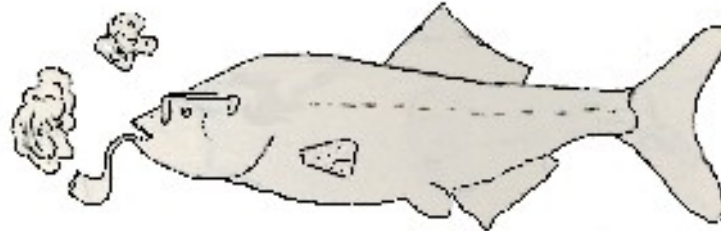


Bookopherus prestoni

HABITAT: Usually other species territory and Mexico

FOOD: Railway time tables

DESCRIPTIONS A slightly nervous; species , retiring.

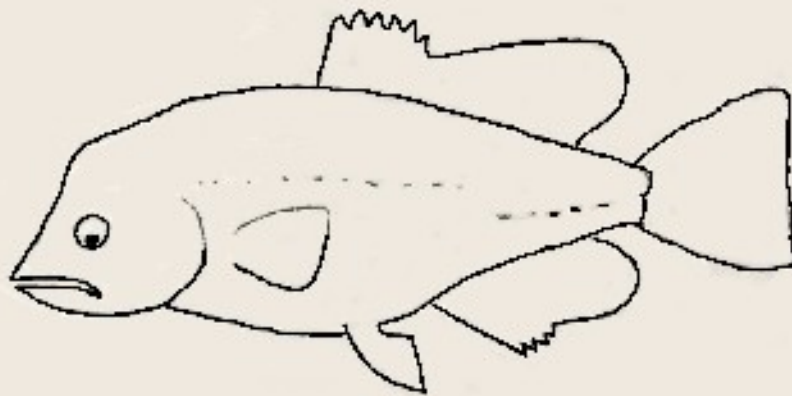


***Publicatus relatae* (Mann) (pipe fish)**

HABITAT Found in areas rich in alcohol

FOOD Shredded leaves which it takes into an extension of it's mouth.

DESCRIPTION: A. full description of this species is not available as it, is only a recent import.



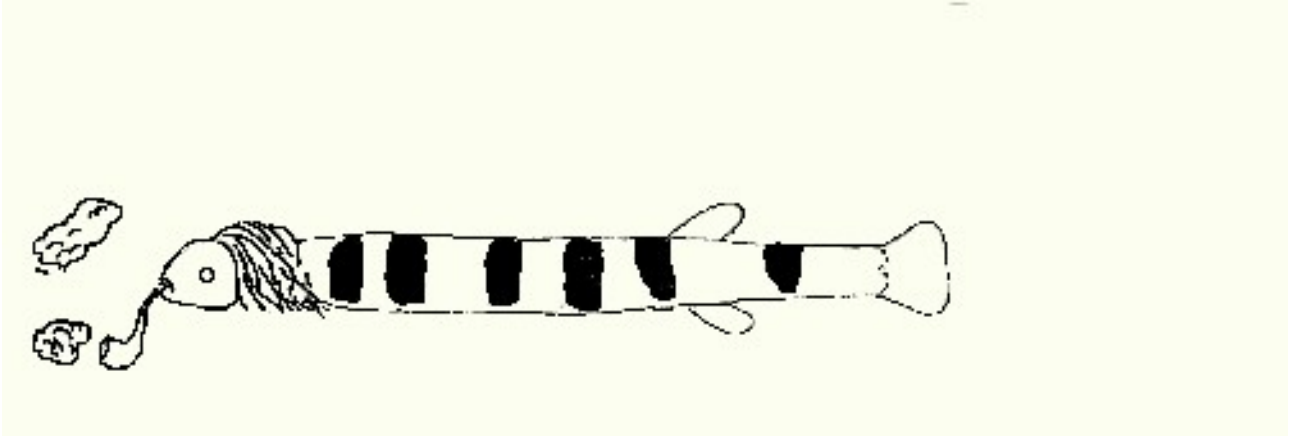
Tableshowus adamsae

HABITAT: Low lying marsh in Thames estuary.

DESCRIPTION: A retiring species spends most of it's time in the shadows occassionally darting out to grab at trophies. Colours indistinct, sometimes red whei females -are present.

...

s.15, b 14, f. 17, c. 12, c&d 18,.

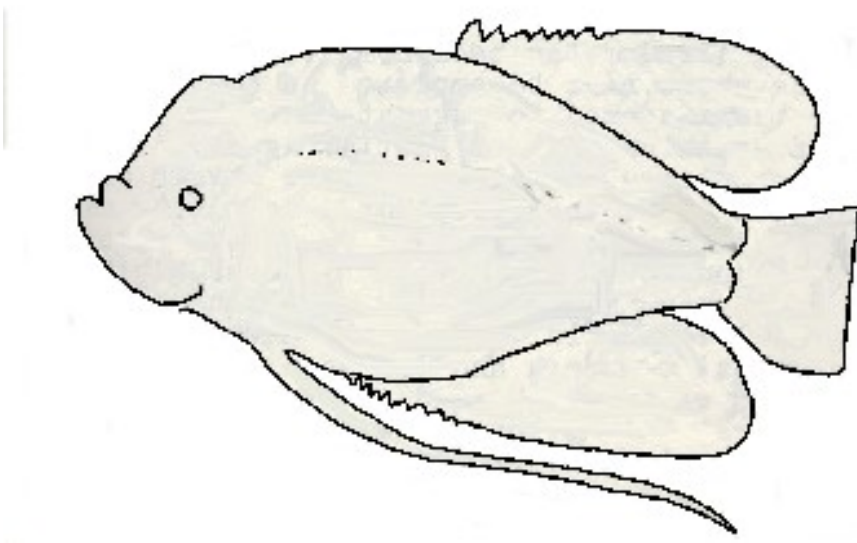


***Socialus hairyfredi* (long haired coffee eel)**

HABITATS Anywhere near food or alcohol

FOODs All foods plus dry shredded leaves taken through mouth extension.

DESCRIPTIONS A long thin bodied species inclined to dash round in circles getting nowhere. Usually found in shoals of other species in-the hope of getting something free. Spends long periods motionless often giving the impress ion "that it is dead. Difficult to. keep as a committee fish.



***Ospherdurrant dereckae* (giant committee fish)**

HABITAT Holes .in pavement (large holes). Anywhere near fresh tea.

FOODs Vast quantities of almost anything. Fresh tea.

DESCRIPTIONS Likes to move from one species territory to another searching for fresh tea.

Emits a noise sounding something like "Woteversup !? A large species, will grow to enormous proportions if fed large amounts of fresh tea.

X.Z.X. 9876.0932V

Remove these pages carefully and place them in your next door neighbours dust-bin along with the rest of the Journal.

REAL MEXICAN SWORDTAILS

by J.H.Preston.

So the afternoon of Christmas day proved to be something of a failure as far as fish collecting went. Certainly we did not find any of the Rio Jamapa platyfish which I wanted. We added one or two swordtails and a few small tetras to our collection and a few porthole livebearers, but we were not optimistic about the portholes, as early experience had suggested that they were poor travellers,.

However, as we were soon to discover, it was the tetras that were the really bad travellers !

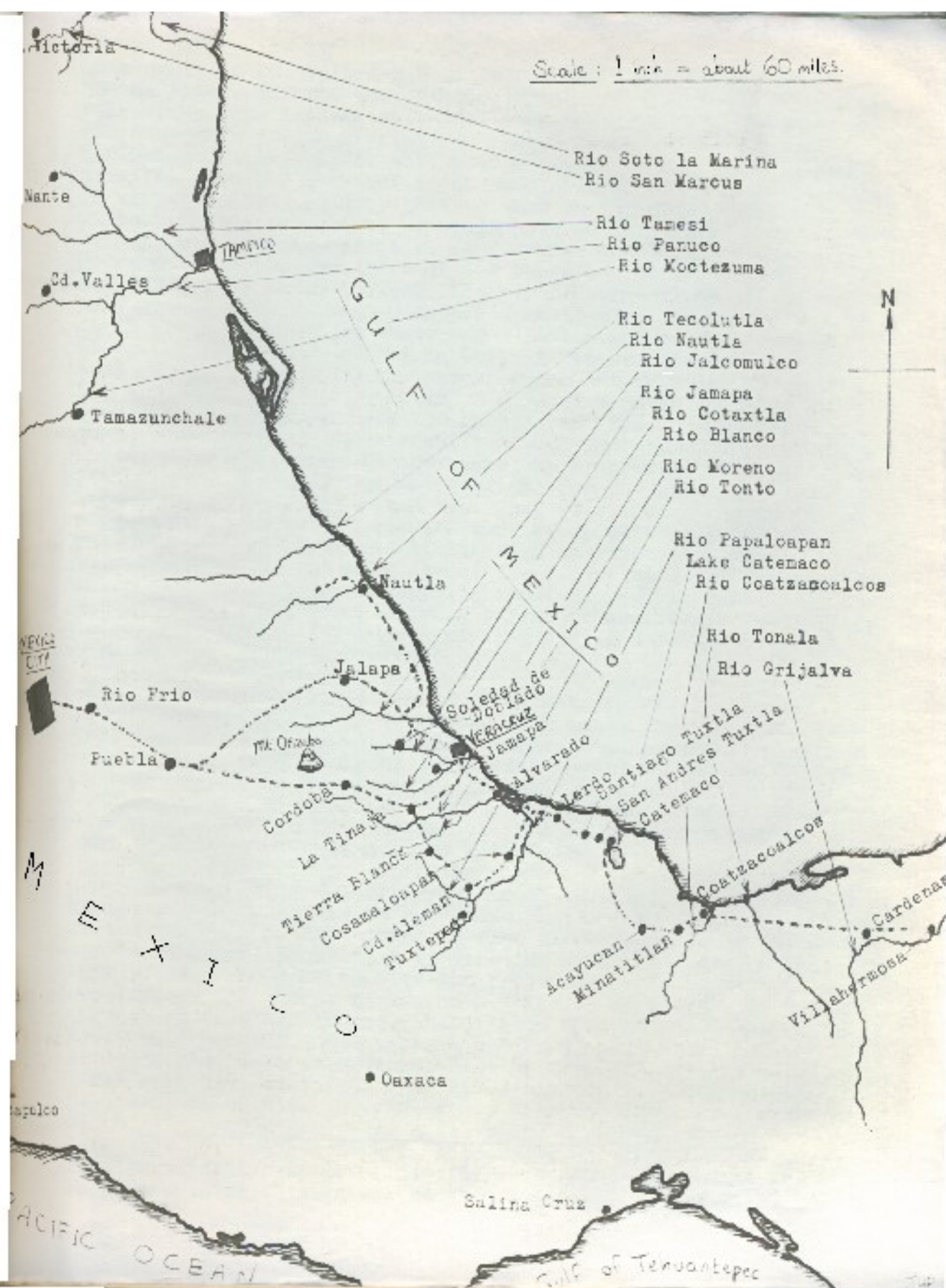
So back, to Veracruz, about an hours journey, arriving at dusk, to take our new acquisitions upstairs as discreetly as possible, to their temporary home in our room. Here they joined the ever growing colonies of fishes living in all sorts of odd containers on the-table! There was plenty of work: for me to do here in the evenings, examining the stock, changing water where necessary, removing the odd causalty, and worrying about the white spot that was beginning to appear on the swordtails. Fortunately the hotel staff who must have had some knowledge of what was going on, never interfered or objected in any way!

Next morning (Boxing Day back home), on the beach, I was trying to decide where next to explore and the majority opinion of most of our books seemed to suggest that the *variatus* platy be found as far south as the Rio Nautla. Again, if we found this, it would only be another example of a rare strain of what was really a common fish back home; therefore not as exciting as say the Montezuma swordtail but it seemed to be worth making the journey. The Rio Nautla I judged from the maps to be about three hours drive to the north, and so we set out after an early lunch and headed up the coast road in the direction which would have eventually taken us to Tuxpan and Tampico.

Of course, for the first forty miles or so we knew the road, more or less, for this was the way we had first driven into Veracruz several evenings before. We passed our original fishing spot at Puente Nacional on the Rio Jalcomulco and then, turning to the right towards the coast again, we were on new ground. At Cardel, there was an irritating wait of about twenty minutes as a long freight train dawdled over a level crossing, and further on, road works cost us about another quarter of an hour.

The road to Nautla was not a particularly good one, but traffic was light and so it was possible to maintain a fair speed in places. The scenery was really good though, with the unspoilt coastline visible at times to our right, and beautiful lagoons in places where river ran down to the Gulf from the mountains away to our left.

Even without stopping on the way, it was 4 p.m. when we drove over the new concrete toll bridge spanning the Rio Nautla and there were but two hours of daylight left. Now we did stop.....



once or twice to explore one or two of the little ponds close to the river, amongst the banana plantations, but here I found no fishes. We were perhaps only half a dozen miles from the sea, so where we met up with Highway Mex 129 we swung, inland in the direction of Tlapacoyan; this road appeared to run close to and parallel with the Rio Nautla for many miles, so we were hopefully in *variatus* platy country. But we went on for miles end miles without seeing any water!

We would have to turn back soon, because evening was fast approaching. It was near the little village of Potrero Nueva, in the heart of the banana and orange growing area, now under grey skies and with the air temperature we estimated only around 65°F, that we topped a small hill and in the valley in the road ahead -of us there was a little muddy slow flowing brook. The exact spot was 4½ km west of Potrero Nueva, or 10 km west of San Raphael (about 24 km from the intersection of roads 129 and 180). It took Chris and I several minutes to climb down from the road, through the barbed wire and thickets of damp, lush, vegetation to the stream, but when we reached it, and dipped in our hand nets close to the banks, we trapped a number of small fishes which probably had not seen us, for the water was a thick brown, like strong but milky tea.

They were almost a pure colony of *variatus* platies! It was the work of about twenty minutes to put about twenty of these little fish in a couple of plastic bags., and we did not keep any of the tetras, psuedo's or mollies which also came up in the nets in small numbers. We turned the car and headed back for Veracruz, trying to get as far as possible before night fell. A few more minutes and we would have turned back anyway, without any fish!

. The twenty or so little *variatus* were mostly I suppose young fishes, only about ¾ or one inch long; nevertheless there were one or two males with fully developed gonopodia even though they were so small. None of these fish showed the bright yellow or red colours of the domesticated aquarium strains, but this was no surprise as it is well known that only a few wild males ever colour up., and the not until late in life. But many of them were interestingly spotted with black.

The next day (Wednesday 27th December) was to be our last in Veracruz before leaving to return to Mexico City and then England. It was, for me, a last chance to find the elusive "ruby throated" strain of platy. Fools that we were, we missed the easiest directions of all on where to find the rubythroat.

For contained in our luggage was a copy of the book "Platies as Pets" by Dr Myron Gordon. We only had to read the chapter "How the Bleeding Heart Platy we invented", but we were not to do this until after arriving back home in England! Here Dr Gordon told how the New York Zoological Society's 1939 Expedition to Mexico had found "....many males with bright copper coloured sides in a roadside ditch at Plaza de Agua only a few miles from the city of Veracruz". Of course, 1939 is a longtime ago, but there is every likelihood that they are still there! Without this knowledge, it seemed to me that it was best to head back to the Rio

Papaloan basin, perhaps going further up country towards Oaxaca State two or three hours drive away; for we knew that platies could be found between Ciudad Aleman and Alvarado (that is to say, in the Papaloapan valley around Cosamaloapan) but there were few good accessible ponds. No doubt there were even more platies further in from the coast.

So yet again we took the familiar road out of Veracruz through Boca del Rio towards Cordoba, turning left again at La Tinaja, and again over the Rio Blanco and Rio Moreno bridges, through Tierra Blanca and so to Ciudad Aleman. This time, we did not turn left again towards the coast but carried on up the Oaxaca road, but not for many miles. The exact spot we reached I cannot precisely locate on the map but it is safe to say that it was close to the Veracruz/ Oaxaca State border, very near to the town of Tuxtepec.

We stopped just short of yet another imposing toll bridge, for there was no point in spending unnecessary pesos. We were here almost surrounded by water and surely we were right in the heart of platy country and in fact I remember remarking to Chris that if we couldn't find platies here then we didn't deserve to get any. The big river, with the bridge, I took to be the Rio Papaloapan again, as we had roughly followed its course upstream; from Ciudad Aleman. A small river which flowed into the mainstream at this point, under our road, I took to be the Rio Tonto if our map was telling the truth; but if it really was the Rio Tonto then it was a miserably small stream for such an important river. In the surrounding fields were one or two stagnant ponds. So we were set for a busy half hour or so-

The first pond that I tried resulted in me splashing around in about four inches of warm water and an equal depth of smelly mud. There were a few Gambusias or similar fish in there but nothing else. I tried the small river which was only some forty yards away and over a grassy bank. The herd of cattle regarded me with suspicion but the Mexican workers at the river mouth, one hundred yards away at the junction with the main stream, engaged on the construction of a dam or sluice gate, ignored me. As luck would have it, there was a small wooded platform about two feet above the water level, maybe used for fishing or boating. I was able to kneel on this and peer down into the clear water below, and also take a few sweeps with the hand net, just about scraping the river bed, but after a few minutes there was no sign of any fish, I retreated to the car and reported back to Chris and he was more in favour of trying another spot a few miles away, starting back to Veracruz. To turn the car, we drove into a farm track about sixty yards along the road, and, lo and behold! right there was yet another little pond to try first!

This one was more densely planted, or -weeded, and the approach down to it from the road was a difficult one again, through prickly vegetation, ants nests and other obstacles. As I.....

approached the shallow water and looked down I saw a small (1¼") brick-red coloured fish swim away to the safety of the middle of the pond. Was this a Rubra platy? (the old fashioned red variety)-maybe! We knew for certain that there were platies, for within seconds we both trapped several small ones with the first sweeps of our nets. It was quickly obvious too that the platies here were much more colourful than those we found in Tabasco near the Rio Tonala there was a good deal of blue on the bodies, and red and black marking were present on the fins of many specimens, in particular the "comet" marking. This latter pattern was very pleasing because we thought that Bob Orford or Peter Capon of S.L.A.D.A.S. might be interested in such fish, from which the modern Wagtail strains were supposed to have been developed.

After an hour, it seemed that we were not going to find any rubra-throat fish, nor any of the redish type that I thought I had seen, So we settled for what we had. But there were some casualties amongst the smallest of the fish during the next hour, so we broke our journey back to Veracruz at our favourite spot at the Rio Moreno and replaced the stagnant, muddy pond water with fresh clean Rio Moreno water. But keeping the strands of bladder-wort like plant that we had found. We took the opportunity at Rio Moreno to catch one or two more swordtails, and we were interested to see a dead female Belonesox in the river, the furthest North we had yet seen this species. Some children came down from the nearby village to watch us, and they asked us many questions, but there was no way we could answer them, apart from knowing the word ;'pescados" - "fishes". But we were glad not to be stoned this time. And so back to Veracruz for our last night there.

On the following (thursday) morning I was faced with the considerable task of placing all the fishes in plastic bags and one or two small plastic cans for their journey to the capital. We left fairly early to allow the whole day to reach Mexico City, and this journey was not too bad once we reached the toll road beyond Cordoba. But there were some anxious moments as we climbed up, up, up, thousands of feet, from the lowlands of Veracruz to the central plateau. Past the places which were to be badly hit by the earthquake to come a few months latter. The car seemed to be losing power with the altitude and the bags of fish were swelling up and threatening to burst due to the reduced air pressure outside. But there were fantastic views of the 18,000 feet Mount Orizaba closeby. We stopped for the last time for Pemex - "gasolina" - at Rio Frio at 4. p.m. ,and were then almost at journey's end.

This was a beautiful spot, densely wooded, with the twin volcanic peaks of Popocatepetl and Izaccihuatl towering in the distance. But as we rolled the last few easy miles into the suburbs of the capital, the brilliant afternoon sunshine was blotted out for half an hour by a blowing storm of brown dust. We succeeded in entering by a road very close to the airport, a few miles to the east of the city centre, and, as luck would have it, we found accommodation here for our last night in Mexico, in a very reasonably priced motel. This was far better than.....

driving in the chaotic traffic conditions -we would have, surely encountered a few miles further on in fact, it was absolutely ideal for we were but two miles from the airport where, in the morning, we would leave the car and start our homeward flights to London.

In fact we drove over to the airport that very evening, to check the route for the morning and to get a bite to eat. My work with the fishes was not quite finished for I had to check again that they were all in reasonable conditions and that the bags were not crowded or leaking. Everything had to be made, ready for a quick, early departure from the Motel, for Chris was due to leave on a very early flight, about 8. a.m., For me all my luggage went into a large cardboard box which I was to persuade the airline to put in the baggage hold, and my tiny suit-case was then filled with bags of fish! These, travelled under my seat in the plane. That night, with the disappointment of our fortnight coming to an end, and the worry about the fish, plus the need to be up early, neither of us slept very well. The room became quite cold during the early morning hours, reminding us that we were no longer in the tropical lowlands.

We drove away from the Motel about 6.a.m. in the cold grey light of dawn, and, it was so cold that there was just a touch of frost. But the roads were already crowded with Mexicans travelling to work, by cars, bicycles, and buses, and no worries about only five standing for each bus had about twenty passengers hanging on grimly to the outside of the bus! The approach to the airport took us past the airline maintenance areas where fine old Douglas D.C.6 airliners were being prepared for their flights later in the day, for the jets had not yet taken over on some Mexican internal routes.

Chris and I were scheduled on different routes home. Chris was first away on a Boeing 707 to Miami Florida, U.S.A., from where he would fly direct to London, a day or so later. I hoped that while in Miami he would take the opportunity to catch me some more Gambusias and Blue Fin killies from the Miami canal; but his account of his brief stay there will, we hope, appear in a future issue.

My journey home was not until mid-day. The Qantas 707 left right on time, with my precious livestock safely under my seat ! The first stop was at Nassau in the Bahamas but it was already dark when we touched down. Later in the evening we called at Bermuda and here things started to go wrong. We were told of fog in London and the airline's decision to keep us in Bermuda for a few hours. We were taken off the plane, and to the Castle Harbour Hotel for free drinks and entertainment. Now, whilst in the normal course of events this would have been an interesting and pleasant diversion, at a time when, - I had perhaps 80 travel weary, white-spotted fish in my care, I did not see it that way!

Of course, there was nothing I could do to speed-up the journey, and we.....

did eventually get away from Bermuda, only to spend several hours more later on circling over Southern England waiting for the fog to clear. We finally landed at Gatwick, instead of Heathrow, about ten hours late, in the early afternoon.

Fortunately, when the trains are running, the journey back to Hockley from Gatwick is not a difficult one, and I reached home, via Victoria and Liverpool Street, soon after 5 p.m. on Saturday afternoon. Just too late, I realized, to get any tubifex for live food for the fish! I opened my bags of white spot, I mean fish. That's when the hard work really started.

Conclusion

NOTE Any person wishing to reprint this article should apply to the author ifior permission ;-

J.H.Preston,
60, Hawkwell Road,
Hockley,
Essex
England.

EDITOR'S NOTE At the time of typeing this last instalment of Howard's epic he and Chris are again back in Mexico hunting for fishes their aim this time is to try to bring back examples of the Montezuma Swardtail and *Xiphophorus xiphiddium*, the purple spike-tail plaſy. In our next issue we will have an article on a fish collecting trip to Singapore and Malayia; it seems Howard has started something.

THE F.B.A.S.

by D.M.Cheswright.

Your Society is affiliated to the Federation of British Aquarist Societies for a fee of around five pounds per annum. A committee member attends quarterly meetings held in London.

The Federation decides on Show Rules and Standards (Booklets in our Library). These are used at Open Shows of affiliated Societies. Judges are chosen from Federation approved lists so that, as near as possible, standards are the same at all Shows. We also use Federation judges at Inter-club meetings and for some of our other table shows. Our Open Show Secretary is on the approved list of judges. In addition the F.B.A.S. provides a list of speakers and has started a slide tape series for hire. Other activities are the supply of show jars and other goods, and assistance with the running and judging arrangemnts for the London shows run by the "Aquarist" and "PetFish Monthly".

=====

EXCHANGES

by D.M.Cheswright

BRACKNELL HARLEQUIN November 1973, part 4 of "Marine Aquarium" by N. Anonymous. This is in the form of a diary and is of interest to those thinking of Marines. If there are any members interested in marines please contact me as I'm getting lonely.

PETFISH MONTHLY December 1973, our editor ,BIG PETER, writes on "LITTLE TOMS". Read to find out what little toms really are ! No, Peter is not growing tomatoes in the fish shed.

"Personal Coments" contains a table of live foods covering availability of wild collectable foods during the year and their keeping qualities.

GOLDENGATE AQUARIST September 1973, J.Boucher writes on "Live Foods" in general.

SPLASH November 1973? B.Bickowski writes on Enchytrae. These include white and grindal worms - details of culturing are given.

AQUA-CHAT October 1973, includes a longish article on the Sucking Loach which is not a loach at all. This is by J.Burtles.

Guppy Pond October 1973, B.Minck writes on "Circulating Range Systems" - a continuous filtration system to include several aquaria.

As this exchange is published in San Diego the item on "Judging Guppies" by S.Shubel may not apply to U.K. shows.

FISHY NEWS .December 1973,"The Breeding Tank" by Bill Rundell gives details of breeding White cloud mountain minnows, an easy one for beginners. The author states that the soft water in Plymouth may be the cause of velvet on the fry. This should not present any problems in Essex — more likely to be too hard.

=====

SAM GOLDFISH

Sam Goldwyn one of the founders of the American film industry died on the thirty-first of January. What has he got to do with our hobby? — well nothing as far as we can tell except that his real name until he changed it in 1916 was Samuel Goldfish.

=====

CLUB NEWS

Meeting November 6

RASBORAS adult

1. . G.Coe	scissor-.	82 pts
2. . K. Adams	maculata	81 pts
3. . K.Adams	dorsiocellata.	80 pts
4. . K.Adams	agilis	79 pts

RASBORAS Junior

1. . D.Wylie	kalachroma	77 pts
2. . D.Wylie.	harlequin.	76 pts
3. .G.Wickman.	brilliant. . .	 73 pts ,
4..G.Wickman	red line.	72 pts

CORYDORAS Adult

1... D. Little.....	schwartzi.....	83 pts
2.. T.Bently.....	melanistus.....'	77 pts
3...D.C.M.Durrant.....	schwartzi.....	76 pts
4...D. Little.....	species.....	74 pts

CORYDORAS & BROCH1S Junior

1.. G.Cranf ield.....	bronze.....	73 pts
2..C.Comte	aneus	70 pts
3. .C.Cheswright.....	Paleatus.....	69½ pts
4-.. B.Ponton.....	saddleback.....	69 pts
4.. K.Sawle.....	bronze.....	69 pts

A.O.S. CATS Adult

1.. F.Gardner.....	<i>H. Thoracatum</i>	74 pts
2...K.Adams.....	synodontis.....	73 pts

A.O.S. CATS Junior

1.. G.Wickman.....	Whiptail.....	72 pts
2.. R.Wylie.....	'	67 pts.
3.. G.Wickman	bumble bee.....	64 pts
4.. G.Wickman.....	<i>Callichthys</i>	63 pts

The judges were:-- A.O.S. Cats- D.Durrant, Corydoras -D.Edwards, and Rasboras idiot Capon.

Raffle winners were:-

Mr White..... tank
P.Mepham.....two social tickets
B.Ponton.....box of candles.

INTER-CLUB QUIZ AT BRENTWOOD November 10

S.L.A.D.A.S. apart from the six man team we could only muster three supporters - perhaps the excuse could be that it was a Saturday. Even so ,we won the quiz with 77 points to Billericay's 72 and Brentwoods.. 62. . .

We also cleared the raffle Dave Cheswright won a box of chocolates and the editor fellow a chicken obviously there were numerous remarks about Capons but the real laugh came when it was about to be cooked it, only had **ONE'WING.'**

BARBS

- 1... D. C.M. Durrant.....S. L. A. D.A. S.
2. .D.C.M. Durrant..... S.L.A.D. A.S.
- 3..G.Coe.....S.L.A.D.A.S.
- 4.. .K.Adams..... .. S.L. A.D. A.S.

CATS

- 1...G.Coe S.L.A.D.A.S.
- 2... K.Adams S.L.A.D.A.S.
- 3.. .R.King..... Billericay
- 4.... D. C. M. Durrant..... ..S.L.A.D.A.S.

PLANTS

1. , .D.M.Cheswright..... S.L.A.D.A.S.
2. ...D.M.Cheswright,.....S.L.A. D.A.S.
- 3-. .P.White..... Billericay
- 4...P.F.Capon S.L.A.D.A.S.

The judges were Ken Appleyard and Eddie Niccol

RASBORAS

- 1... K. Adams S.L.A.D.A.S.
- 2.. .K.Adams..... S.L.A.D.A.S.
- 3... K. Adams S.L.A.D.A.S.
- 4... K.Adams..... S.L.A.D.A.S.

THE A.G.M.

The election of officers went as follows.-

PRESIDENT , proposed A.Chapman, D.Choswright; elected D.Cheswright.

VICE-PRESIDENT, proposed A.Chapman, D.Finch; elected D.Finch

SECRETARY,proposedMrs D.Chapman, D^Durrant; elected Mrs Chapman

TREASURER, A.Chapman unopposed

JOURNAL EDITOR P.Capon unopposed

ASSISTANT EDITOR P.Mephram unopposed

LIBRARIAN,proposedT.Bently, T.Joyce; elected T.Joyce.

.....

ASSISTANT LIBRIAN, proposed J.H.Preston, G.Wickman elected H.Preston.

P.R.O. ,R.Mann unopposed.

TABLESHOW SECRETARY K.Adams unopposed.

REFRESHMENT SECRETARY F.Gardner unopposed

ASSISTANT TABLESHOW SECRETARY, D.Durrant, G.Wickman; elected D.Durrant.

The raffle winners this evening were:-

Tom King -----double sided mirror (Tom auctioned this for club funds)

Dave Little...box of Xmas crackers

Box of glasses,,...Mrs Mann

MEMBERS BEST FISH

1.. D.C.M.Durrant.....	vittatus	79 pts
2... P.Mepham.....	red eyed tet'..	76 pts
3.. R.Wylie.....	Schuberti.....	75½pts
4... T.Bently. ..	Cory` retic'...	75 pts

Judge Ken Saxby F.B.A.S.

Meeting December 4

An auction need more be said. The final of the Challenge Competition judged by Dave Edwards.

CHALLENGE

1... Mrs E.Coe.	arulus barb.....	75 pts
2... P.Mepham	acara.....	69 pts
3... G.Coe.....	R.T;B.Shark.....	55 pts
4...		

The raffle winners were:-

Box of chocolate liqueurs ...Mr King

Bag of P.bimaculatus...K.Adams.

T.Blackmore.....Vallisineria.

Meeting December 18

Thanks are due to Peter Mepham for making notes on this meeting as Dave Ches' and I where unable to attend. At short notice D.Edwards spoke on judging and showing. The judging competition was won by Jim Wylie who donated the prize to club funds.

Hard Luck

1. . T.Blackmore.....	Mosquito.....	77 pts
2.. T.Blackmore.....	mollie.	75 pts
3.. C.Elsey.....	harlequin.....	70 pts
4.. W.Hadkiss.....	guppy (f).....	68 pts

judge D.Durrant.

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Raffle winners were:-

Jim Wylie..., Bottle of Port
K.Hearne..., Xmas lights
D.C.M.Durrant ...table light.

Meeting January 1

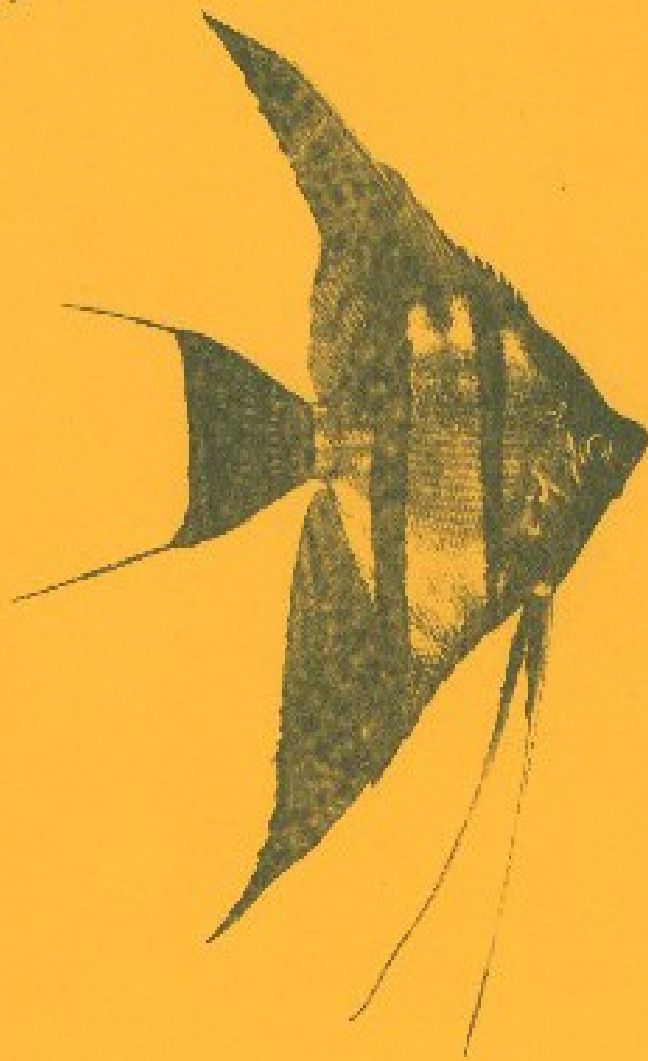
Howard and Chris were to have given a talk on Mexico but Howard had caught Flu (no not Mexican), so Chris coped on his own — those who didn't attend missed a good talk.
The first round of the 1974 Challenge judged by Pete Cottle assisted by Ken Saxby.-

Raffle winners weres Chris Cheswright.... £1 voucher
Tony Moltino..... 50p voucher
Terry Blackmore....sucking loach

COMMITTEE MEETING REOPTS

sorry reports, perhaps I was right first time! have to be held over until the next issue as we have run out of stencils — sack the -editor !!!

SOUTHEND, LEIGH & DISTRICT



AQUARIST SOCIETY.
founded 1935 or before

SOUTHEND ,LEIGH AND DISTRICT AQUARIST SOCIETY
(founded 1935 or before)

The Society meets every first and third Tuesday in each month at 8.00 pm at:-

ST ANDREWS HALL
ELECTRIC AVENUE
WESTCLIFF-ON-SEA
ESSEX
ENGLAND
(entrance in South View Drive)

BI-MONTHLY JOURNAL Number 54-
APRIL-MAY 1974

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SOUTHEND, LEIGH AND DISTRICT AQUARIST SOCIETY is at least 39
The Journal is 29 having been founded April

A Society of not a little standing!

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EXCHANGES WELCOMED please send exchanges to the Editor.

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EDITORIAL

On behalf of all the club we would like to welcome all visitors and exhibitors to this the 1974 Open SHow.. ;we. would also like to thank all those who have helped to make this Show yet another sucess for S.L.A.D.A.S. and hope that Derek will not colapse with exhaustion-before the day is over, (what he does on Sunday afternoon after the final clear up is his own affair — the sleep of the just?

A few weeks ago we had a fright in that the water board has been adding pyre thrum to the local water supplies in an effort to wipe out *chironomus* midge larvae that have been coming out of some peoples taps. Derek contacted the authorites and they assured us that there will be none of this insecticide in the water anywhere near our Show.

A word of warning to our readers keep a careful look-out in the Echo for news of further additions of pyrethrum — it not only can but will kill your fish. Do not add any water from the tap to your tanks from the day that the addition starts until a week or more after the last advertised addition. Pyrethrum will not be inactivated if you stand water! If you will need to service your tank draw the water during a pyrethrum free day for later use. The Water Board can not be held responsible for your losses of fish as they only contract to supply potable water - not water suitable for fish. The ethics of adding insecticides to drinking water is a matter which perhaps should not concern this journal.

Perhaps your editor is a little dim but we cannot see how *Chironomus* larvae can breed in a water main the midges must leave the water to mate -- how do they do this in the pipe unless there is a considerable air pocket?

Your editor can go one better than Dave in "Exchanges" he can remember a show put on by S.L.A.D.A.S. or as it was known then the Southend and District A/S, held in the Kursaal in either 1947 or 1948. It was in one of the side show booths and consisted entirely of furnished tanks. I think there must have been at least thirty. I can also rember two members talking in the entrance and complaining of the way it was run — nothing changes! I bet they didn't bother to exhibit !

CAESAR

It is with regret that we have to report that Caesar passed on to the "great aquarium" in the sky, on May..the first. Caesar, a snakehead by Variety, was owned by Sybil Hedges of Bethnal Green A/S and gained her many trophies on the show bench. His greatest award probably being the F.B.A.S. Supreme Championship at the PetFish Show in 1971. Of late Caesar has grown too big to to transport to the Shows. In 1971 he even became a T.V. star!

PRRSIDENT'S NOTES

by D.M.Cheswright.

The Southend, Leigh and District Aquarist Society was formed in 1935- As a past treasurer for over ten years to 1972, I thought it was about time I looked at some old financial records given to me when I took over the job and going back to 1950.

The Society has always been well known for it's Open Shows which have been held in most,years for the last twenty-five. One show was Open for a whole week at the end of Southend pier-must have been a far out show! Another, in 1954, was held for four days over August Bank Holiday, at the Southcnd Kursall Amusement Park, which in 1974 has been closed and demolished.

The Show attracted over Five Thousand members of the public who paid atotal of £260 to see the display of fishes, furnished aquaria and reptiles, the latter being loaned from the London Zoo. These mamoth Shows of years ago must have entailed a colossal work effort — imagine carrying your gear the length of the longest pier in the world, --especially when not everone had cars to transport their tanks etc, and stewards were needed for a week. It is difficult enough to rustle up enough helpers at the present time to run a one day show which is open only for a few hours. Nowadays most entries are in jars, easily transported and placed on the show bench. Before this "step forward" a regular tanks were used and it is interesting to see that, since the arrival of Silicone Sealer, more and more aquarists are entering the fishes in all glass tanks and leaving the jars at home. To my mind this is an improvement to be encouraged, displaying the fishes to better advantage to the judges and public.

In byegone years nany Furnished aquaria of 24" size were entered in Shows. These really showed the public the "living picture" which could be in their homes. Entries in this class are now very small both in number and size of aquaria, 14" tanks being the norm. I suppose that the time factor has been the main cause of this reduction in size,.the 24" tank requiring much more planning and skill as well.

A new developement is the Aquascape, combining aquatic plants and fishes , with terrestrial plants and very beautiful effects can be achieved.

Membership of S.L.A.D.A.S. is still good and again approaching a hundred in 1974 We can still welcome more new members and details of meetings are shown elsewhere in this Journal.

Thanks are due to all S.L.A.D.A.S. members who have put in long hours of work to put on the Show under the able ordering of the Show Sec' Derek Durrant. Thanks also to all aquarists who have exhibited — without these there would be no Show.

VOLITANS DOES IT AGAIN

by Barbara Smith

(Editor's notes this article has been widely reprinted in the States it originates from the Central Ohio Aquarium Society magazine "Fin Features". We beleive it to be one of the most important articles of recent years. Many hundreds of Scorpion-fish are sold in the U.K. every year so far nobody has received a fatal sting but.....)

After being stung by a lionfish (*Pterois volitans*) for the second time, I believe it is time to write what to do in case you ever get stung.

First of all, try to stay calm. If you panic, your heart pumps faster and transmits the venom into your bloodstream.

Second, put the stung portion in your mouth and draw the poisonous venom out of the wound and spit this out; make the puncture bleed. This will keep the reaction of the sting fairly well in control. Wash your mouth out with a good antiseptic after this, to make sure none of the venom remains in your mouth.

Third, call your doctor and have him get in contact with the nearest hospital. Have him tell them to administer aid to you at once upon your arrival. I say this for a good reason, as was my experience. I took the book "Poisonous Marine Animals" to the emergency room. It was a lucky thing I did, because the hospital did not have anything on fish stings either. Because they didn't know anything about the reaction to this fish sting, I sat in the waiting room for one and a half hours after the receptionist took my information. It would have been longer, but my doctor called the hospital to see what they were doing for me, which was nothing. They didn't know how serious this very small puncture was.

After the doctor called the hospital, things stepped up quite a bit. I was taken into the emergency room, my vital signs were monitored for several hours, my hand was submerged in very warm water, I was given a shot to releive some of the pain. After a while I was released to go home and straight to bed.

The next day the medicine they gave me to releive the pain wasn't working, so I went to my doctors office,. He proscribed a stronger pain killer and medication for my nerves.

Problems you may or may not have when being stung by a lionfish.

.....

First off, the lionfish has thirteen dorsal spines, three anal spines, and two pelvic spines. The reaction will depend on how many spines puncture your skin.

Make sure none of the spines break off and stay in the wound; also, make sure there is none of the (fibrous tissue) skin covering remaining. These contain venom and can cause adverse reactions, even days later.

The first reaction upon being stung is the immediate, intense burning pain. This pain moves from the injured area very quickly, travelling (in my case) from the fingers up my arm. (This pain felt like my hand and arm to the shoulder were slowly being submerged in scalding hot water.) The pain becomes very intense quickly, in a few seconds. The fingers and hand became swollen almost immediately. The area of my hand and part way up my arm became very pale (as if all the blood had gone).

This remained this way for three days. My hand had somewhat of a numbness to it for several days and I felt nervous, even the bubbling water in the aquariums raked on my nerves for five days.

As in my case, the victim may complain of weakness, dizziness, and shock, and may even be in respiratory distress (heart skips beats, shallow breathing as if someone had turned off your air supply). You may feel cold, but break out in a cold sweat. Also, you may become nauseous.

What to have the hospital do as soon as you get there?

1. Submerge the affected area in very warm (as hot as you can stand) water.

- 2 They should then take your vital signs every fifteen minutes (blood pressure, pulse, respiration) white blood cell count, urinalysis, and electrocardiograms are sometimes given.

3. Have the doctor look to see if any stinger of tissue remains. (They scrapped my fingers with a scalpel).

- 4.

As related in "Poisonous Marine Animals"stings by *Pterois volitans* and related species provoke more pain and appear to be considerably more dangerous than stings by the sting-ray, sculpins, or weaver-fish. The severity of the signs indicate that this fish is capable of producing a fatal poisoning in man.

During the first hours, the patient may receive an intravenous injection of 250 ml of 5% glucose in saline, containing epinephrine, 10 ml of calcium gluconate, and 5 ml of methocarbamol.

If the pain does not respond to hot water, meperidine hydrochloride may need to be given. Cardiovascular tone can be maintained with intravenous fluids and epinephrine, it is advisable to give oxygen.

So if you get stung —

- 1. Stay calm.**
- 2. Extract** as much of the poison as possible.
- 3. CALL THE DOCTOR. .**
Head for the hospital.

And good luck !

P.S. I have been asked if I am afraid of this fish now. The answer is No ! But I do have a more in depth respect for this fish,
It is to me one of the more colourful and beautiful of the marine fish.

Editors note; we have reprinted the various instructions as they appear on the copy of the article that we received - we assume that in the text epinehine and epinephrine are the same and that the difference is due to a printing error; which is correct we cannot say.-

AQUATIC SAFARI

by Keith Barraclough & Gordon Holmes (King British)

Sunday August 29 and after weeks of anticipation - indeed, of wondering whether our proposed trip to Singapore and Malaysia would ever get under way - at last we were off!

At 8.30 pm, in a hired car, we could leave and forget at Stanstead airport, we left Bradford on the first stage of our journey to the mysterious East. The drive was cold and wet, the car heater would not work, and it was miserable outside. We arrived at Stanstead soon after midnight, dispensed with our car and booked in at the desk for our 3.00 am flight on a Boeing 707- We were tired, but very excited at the prospect before us.

Our flight was called at 2.40 am and we taxied onto the runway at exactly 3.00 ama miracle

You might say that we had good seats by the window, but we were also unfortunately by the wings, which prevented our taking any aerial photographs. Our first stop was to be Athens, after flying at 37,000 feet at 610 m.p.h., we arrived at 6.10 am on a beautiful sunny morning much better than the rain we -had left behind in England. This was a refuelling stop and we disembarked, eager for our first chance to use the camera. Alas, as those of you who have visited Greece will know, there is little to film at Athens airport, especially at 6.30 am.

/

An hour later we reboarded the plane - whilst the crew apologised for the long delay. The tarmac had to be washed down before take-off because one of the refuelling bowsers had spilt fuel.

Now our destination was Karachi, some five and a half hours away and the first big time differential.....it accelerates five hours between London and Karachi. We passed over the mountains of Turkey, edged around Syria, across the Persian Gulf to Tehran and so to Karachi. Over the city (and having had one more meal) we were surprised to see very dark clouds around. This was to be the hairiest landing either Gordon or myself had ever experienced. The Boeing touched down comfortably but when the pilot applied reverse thrust to slow down, the aircraft lurched violently to starboard. Evasive action then caused it to snake along the runway at an hundred mile-an-hour, and for a few moments we were quite uncomfortable ! Here our crews changed, the first crew having been on duty for over ten hours.

As we stepped from the aircraft onto Pakistani soil we were immediately aware of the intense heat which burned through our jackets, and were glad to be whisked into the air-conditioned airport building. Here the air-conditioning really is necessary. Since Karachi is an international airport where many far eastern flights refuel, we were surprised to find the airport buildings only large enough to accept the 189 people on our flight. If they get "Jumbos" goodness knows where they will put the passengers.

We left Karachi an hour later and by now the journey was beginning to tell on everyone. When we had been airborne for some ten minutes, we were asked to keep our seat belts fastened as we were running into turbulence, which lasted throughout the five and a half hours journey. The aircraft rocked, swayed and bumped along and through the windows we could see lightening all around and below us. It was during all this that we were given Shepherd's pie for our meal.

At 2.30 local time we reached Kuala Lumpur, having picked up a further three hours on G.M.T. Now we really felt we were in the tropical east; the airport buildings had no sides, only Oriental-style roofs» Here we changed aircraft and had to wait four hours for our connection to Singapore. The immigration authorities carefully checked our health certificates to ensure we had all the necessary jabs. We had!..... plus, just to be on the safe side. Two of them were very uncomfortable and had given us both a couple of rough weekends some three weeks previously !

The open plan airport was refreshingly breezy, forty foot fountains played in front of it and the surrounding natural vegetation really was something.

At 6.30 am we boarded a M.S.A. Boeing 707 for the thirty-five minute flight to Singapore, where we were disappointed to find it raining just as it had been when we left Stanstead. By now we were very tired so we immediately booked into our hotel and went to bed for eight hours.

When we woke the sun was shining, although it was early evening. After a short stroll in the nearby streets we were met by our genial Singaporean host, Mr Choo Eng Kee, Choo (or Tony as we called him in English) is our major supplier in Singapore. A small but very energetic man, he went to impossible lengths to ensure our absolute comfort and satisfaction.

Immediately we were whisked off to see Kang Ho, an older man who collects marine fish, to arrange final details for our marine-catching expedition next day.

Kan's establishment is not large and contains some ten big concrete vats and a dozen large all glass tanks. He simply collects fish from native catchers on the islands and brings them to a central point where exporters can collect and take them to their own farms for quarantine and acclimatisation. This usually lasts three weeks. On this particular Tuesday evening Kan's stock consisted of *Chaetodon octofasciatus*, *Chaetodon*, *Mesoloeus*, *Chelmon rostratus*, *Pomacanthus annularis* up to seven inches, jewel puffers, Unicorn file fish, many assorted Wrasse, big tube worms, and large anemones.

He also stocks a large variety of living coral and shells. His stock changes very quickly indeed we visited his establishment three times within twenty-four hours and by our last visit the entire stock had been sold and replaced.

This visit over, Tony took us to the Hill top restaurant of Jurong to sample our first Asian food. The restaurant overlooks a wide area of South West Singapore, which made a charming sight in the sunset. The food was a mixture of things new to us both and included shark fin soup, satae (kebab-type things with sea food, meat and chicken cooked on a charcoal fire) then giant steamed prawns about eight inches long! Our host was very keen that we ate local dishes at all times.

Replete, we drove through the busy city centre, catching a glimpse of the Chinese street opera which is performed only in September to celebrate- "the month of the GHOSTS" when, according to Chinese belief, all the spirits return to earth. And so then to Singapore Vancleef Aquarium for a look at fish in captivity as a preview of things to come in the next few days, Though the aquarium was quite good we had seen better. Of particular interest was a giant man-eating shark nine feet long and easily sixty inches in girth. Too, there were many large sized Scats and Monos in total marine conditions and a tank full of the very difficult *Rasbora vaterifloris*, fire Rasbora. A tank that had once contained Piranhas was now empty. The Government

has banned Piranhas on the island for fear they get into local streams and cause serious problems for other fishes and human beings. Piranhas are now totally illegal in Singapore.

To recover from our travel fatigue and to be fit for our expedition next day, we turned in for an early night,

Wednesday morning was beautifully warm and sunny. Tony collected us at 9.45 am and with him was Mr Suzuki Yutari of Azabm Aquarium Tokyo. He was in Singapore to learn about fishkeeping on behalf of the company for which he worked and was to become a good friend over the next few days.

We drove immediately to Kan Ho's establishment where we met Ah Kok, our boat driver for the day. We christened him Hancock as this was easier for us. Hancock was only sixteen, friendly and happy and a very skilfull boat pilot, for which we were to be very grateful later in the day.

We were heading, we were told for the island of Sudon, twelve miles south of Singapore and a one and a half hour sail. Armed with diving gear, cine and still cameras, nets and equipment, we set out to the landing pier where, on seeing our boat, we got quite a lump in our throats. She was sixteen foot long and only two foot six inches at her widest part and to board her we had to walk a twelve foot plank. Boarding her gave us a big laugh, she rocked vigourously as we gingerly clambered aboard. , only to find the bottom awash with water. Hancock soon bailed this out and said it was O.K. By now the sun was beating down and we cast off and were on our way.

Two hundred yards from the shore I looked down to find, yet again, water in the boat but Hancock grinned as he saw the doubtful look on our faces and smilingly told us not to worry..... everything was O.K. and as normal. The sea was calm and, with the big outboard motor, we made good progress and soon cleared the inner islands and were out in the open sea. Way in the distance we could see the outer islands, backed by the mountains of Indonesia but ahead were two gorgeous islands with white sand beaches and tall waving palms. Set against the clear blue sky, they looked just like a dream come true. They were called Pulau and Hantu, the islands of the Ghosts, and both are uninhabited because of local beliefs, though natives visit them peridically to collect coconuts from the. palm trees.

An hour later we reached the Sudon. All around the island were the houses built on stilts down to the water's edge, a typical Malay fishing village. There is no freshwater on the island, this is brought by government water tankers and stored in six foot square concrete reservoirs. Three quarters of the island is inhabited, the remainder is covered with scrub, bush, swamp and mangrove. Later in the day we were to find why this part of Sudon is left alone !

The village children welcomed us as we landed on the beach and, after we had parked our gear, on the verandah of one of the huts, Tony introduced us to the Boss man of the island, Arope was his name and he was a jovial and typical Malay Singaporean.

Seated on the steps of a village hut, we had our first taste of island food, Quay-Beng-Ka, an oven baked bread made of tapioca. It was quite nice but very heavy. No sooner had we finished than we were brought the island delicacy, Ice Kachung. We then had a short walk around the inhabited part of the island, making friends with the native children and women, but after a few minutes Tony called that our two expert fish-catchers had arrived. They were two Indonesian lads called Ali and Ahmed, big heavy men almost black in colour and they bore many scars from their previous expeditions. Neither spoke English but they gave us a pleasant smile and nod.

We climbed into the boat, now very low in the water. Kang Hoi decided to stay behind as the boat was already full with six people plus our oxygen and equipment. We set off round the Eastern edge of the island where all the villagers lived and sailed two miles out until we reached a spot some half a mile from the coast of Pawai, a large, uninhabited tropical isle.

The water here was four to six feet deep and crystal clear. Through interpretation we learned that this is a tidal area and only safe to fish for about three hours. We should also keep watch for the sea snake, an extremely poisonous and dangerous enemy.

Of course, we could not wait to get into the water; Ahli was out before the motors cut, quickly followed by Ahmed and very soon they were back with their first catch, some Jewel Wrasse.

Gordon went in next and I quickly followed. We wore rubber canvas boots for safety and were armed, with large nets and diving masks. Out to test our skills Gordon soon had a blue Damsel and then an Apong.

We spent a long time surveying the underwater scene.....it was just like a Hans Haas film. Hundreds of fish on the reef went about their business among the coral; through the seaweed the living coral polyps were fully extended in the sunlight and banana fish and various sized damsels dashed around. The odd school of clown fish weaved through the water whilst copper banded butterflies watched the Breff crabs creeping along the bottom and the anemones swaying in the moving water. It was an absorbing scene.

Meanwhile the sun was beating down but we were too engrossed to notice the burning. By now Ahli had caught a lot of fish; many butterflies of the *Chelmon* and *Mesolobius* varieties.....

and a large number of clown fish, Fire Clowns and Jewel fish. It was now, as we were getting the hang of things, that I caught a very attractive File fish and Gordon came across a sea-snake. This gave us a few uncomfortable moments but we soon forgot and went along with the fishing. Time was racing and it was now afternoon. Ahmed had caught a good sized octopus, about which we were very pleased and it was all really happening..... and then they said that we must leave as the tide was about to change. Our bag consisted of about 180 fish and the octopus and we returned proudly to the island for more local food.

Once more the children greeted us, this time with necklaces made from small but lovely coloured sea-shells. We bought two, which pleased the children no end. This time we went to the largest hut on the island, owned by Arope., the Boss man. Sitting on the hut steps, we were served with another island delicacy, Jimpot. This was round like a banana fritter and made from fresh banana, maize and flour, rolled into a ball and cooked in very hot fat over an open fire. It tasted good after our being in the sea all morning. To follow was another native dish which looked like spaghetti but had been cooked in a chili sauce with kachang beans added. We ate as much as we could but it was hot and we were glad when we were brought fresh coco-nut milk, which soon quenched our thirst. To settle our lunch before returning to the sea, we decided to walk round the island. We set off, Suzuki, Gordon and myself followed by the children but as soon as we arrived at the edge of the village the children disappeared. At the time we thought that they had been told not to leave the village area but shortly we discovered the real truth. As we progressed along the beach to the mangrove swamps I saw something move, to our left..., there in the bushes some twenty feet away was a five foot crocodile! Hesitating only a moment, I rushed for the water and, since we were as startled as he, we were unable to get the camera working quickly enough to photograph him. This over we continued to the edge of the jungle where we searched hoping to get some film of a crocodile but were not successful.

Eventually we returned to the village and the boat. It was now 3.30 p.m and we were to do some more diving, this time heading in a north-westerly direction. Some forty minutes later we arrived at one of the Ghost Islands. The water was warm but, due to the change of tide, very turbulent which made seeing under water difficult and a little dangerous so that after a while we abandoned the attempt.

Gordon and I wanted to walk around the island but the others preferred to stay in the boat and sail alongside seventy five feet off shore. The beach was sandy for a distance and then turned into marsh land that obviously flooded with the tide. Most interesting were the air-breathing roots of the mangrove trees. Soon we came to a point where there was no way, save through a small jungle area, and as the boat could not get in close, we decided to explore.....

EXCHANGES

by D.M.Cheswright.*

For new members information all the exchange magazines are available on free loan from the library, there are many more than are mentioned in these very brief notes and they all contain items of interest.

AQUARIST & PONDKEEPER April 1974- "What is Your Opinion" by B. Whiteside B.A , has many interesting items included all sent in by readers. In particular the spawning of angels is dealt with in detail.

"Water Cleansing" by A. Jenno, gives tables showing the effectiveness and usefulness of various filtration systems and other cleaning methods. It shows., in particular that carbon filters must be regularly replaced if it is to do continuing good, if used for too long without being changed harm can result

COLORADO AQUARIST December 1973, "Aquarium plants types and uses by E.Cohen, (a reprint from Tropic Tank Talk 1968) . This article covers floating plants as well as a total of 18 plants are mentioned together with recommended books to read.

MODERN AQUARIUM December 1973,-Kathy Fernandez's "Exchange Corner: includes "Soft an' Acid neons" - a query as to acid water. Mention is made of using a pH of 5.0 to 5.5. In my experience 6.5 is quite acid enough and I would regard 5-0 as dangerous..

CALQUARIUM February 1974, here Angel fish breeding is also. detailed by B.Newman, this being part two. A list of varieties of angel fish is also given

TORAS TOPICS February 1974 "The Bitterling" by Ron King. This coldwater fish will only spawn when suitable mussels are available the eggs being deposited in the mussel and the fry emerging when free swimming. Mr King has caught fry from his pond but has not had success breeding Bitterling in aquaria. These are a very colourful fish, do not grow big and can be kept all year in an outside pond.

OKLAHOMA O'QUARIST January 1974, Guide to building a wooden aquarium by J.Crabtree, gives instructions using wood, fibre-glass and glass for the front. "Constructing Yarn Mops" by B.Taller At last the secret is out and we have a detailed step-by-step account of this elusive subject, which, as the author says, creates more interest than the use to which they are put — as a spawning media. A dictionary is essential when making these mops.

(continued: on page.23)

CLUB NEWS

MEETING January 15

The entries in this the first round of the 1974 Members Challenge Competition were rather down on last year, probably due to this meeting being held on a public holiday. That's not right is it? The editor has got his notes all mussed up again, the Members Challenge was on January 1 sack the Editor! (we'll try and arrange it for you!)

More correctly the talks this evening were given by Derek Durrant on fighters and Dave Edwards on other labyrinths.

The raffle winners were:-

Howard Preston.....a flower holder

Peter Mcpham.....a cruet.

B.Sinclair.....bag of platys.

Jim Payton.....bag of platys.

HARD LUCK TABLESHOW senior

1.. T.Blackmore.....	mosquito.....	77 pts
2.. T.Blackmore.....	molly.....	75 .pts
3.. C.Elsey.....	harlequin.....	70 pts
4.. W.Hadkiss.,.....	guppy.....	68 pts

judge.D.Durrant.

CLASS B Barbs Senior

1.. G.Coe.....	aurilius.....	88 pts
2.. K.Adams. ..	aurilius.....	85 pts
3.. D.Durrant.....	vittatus.....	84 pts
4.. K.Adams.....	.rosy.....	83 pts

judge..P.Capon.

CLASS By Barbs Junior

1.. D. Wylie.....	cummingi.....	80 pts
2.. C.Cheswright.....	tiger.....	78 pts
3.. R.Wylie.....	nigger.....	76 pts
4.. R. Wylie.....	cherry.....	75 pts

judge..P.Capon.

CLASS Q Swordtails

1.. H.Preston.	green.....	8 7 pts
2.. H.Preston.....	spotted.....	84 pts
3.. H.Preston.....	green.....	80 pts
4.. G.Coe.....	red.....'	71 pts

judge.. D.Finch

CLASS Cy Swordtails

- | | | |
|-------------------|---------------|--------|
| 1..D.Willis..... | red lyre..... | 70 pts |
| 2.. .K.Hearn..... | .red..... | 58 pts |
| 3. .K.Hearn..... | .green..... | 5^4pts |
| judge ..D.Finch. | | |

MEETING February 5

The speaker this meeting was our old(don't take that literally) friend Eddie Niccol from Thurrock who spoke on Barbs.

The raffle winners were:-

Jirn Wiley.... .clothes brush set.
R.J.Brown.....inside filter.
Set of glasses(drinking ones!)..Eddie Niccol

CLASS 0 Male Guppy

- | | |
|------------------|--------|
| 1.. .G.Coe..... | 75 pts |
| judge..D.Durrant | |

CLASS Oy Male Guppy

- | | |
|--------------------|--------|
| 1.. .K.Hearn..... | 69 pts |
| 2.. .D.Willis..... | 66 pts |
| 3 ..K.Hearn..... | 65 pts |
| judge .D. Durrant | |

CLASS Ez. A.O.S.. Labyrinth

- | | | |
|---------------------|-----------------|---------|
| 1.. D. Lit tie..... | comb tail..... | 83 pts |
| 2. .G.Coe..... | leeri..... | 72 pts |
| 3..G.Coe..... | three spot..... | 69 pts |
| 4..D.Little..... | three spot..... | .67 pts |
| judge. .D-.Edwards. | | |

CLASS_Ezy A.O.S.Labyrinths

- | | | |
|-------------------------|-----------------|---------|
| 1. . .R.Wylie..... | thick lip..... | 72 pts |
| 2.. . C.Cheswright..... | paradise..... | 56 pts |
| 3. T.Molino..... | .kissing G..... | 55 pts |
| 4 . .R.Wylie..... | honey G.,..... | 53' pts |

judge.* D.Edwards.

MEETING February 19

Our first ever popular auction of the year. For the benefit new members perhaps we should explain that 25% of the proceeds of our auctions goes to club funds.

The raffle winners were:-

N.Wilson.....thermostat.

T.W stall.....zebras .

R. J.Brown.....variatus platys

CLASS C Characins

1..K.Adams.....	Ct spilurus.....	80 pts
2..K.Adams.....	P. Trifasciatus.....	79 pts
3..P.Mephram.....	Y.B. Moenkhausia.....	77 pts
4..K.Adams.....	silver hatchet.....	76½pts
judge D.Durrant.		

CLASS Cy Characins

1..D.Wylie.....	cardinal.....	75 pts
2..R.Wylie.....	black widow.....	74 pts
3..R.Wylie.....	salmon discus.....	73 pts
4..R.Wylie.....	bleeding heart tetl ...	70½pts
judge. Durrant.		

CLASS M A.O.S Tropical

1..G.Coe.....	sucking loach.....	74 pts
2..P.M'ephram.....	labuca.....	73 pts
3..D.Little.....	flying fox.....	71 pts
4..J.Payton.....	sucking loach.....	68 pts
judge D.Edwards.		

CLASS My A.O.S. Tropical

1..T.Moltino.....	red fin shark.....	63 pts
2..K.Hearn.....	butterfly.....	53 pts
3..T.Moltino.....	red fin shark.....	50 pts
4..C.Cheswright.....	Aust` rainbow.....	44 pts
judge D.Edwards.		

**DO YOU KNOW THE: DATE OF THE NEXT SOCIAL??? CHECK WITH
FRED OR ALAN.!!**

MEETING MARCH 5

This evening we were to have a film show but it didn't materialize. However Derek Dare stepped into the breach and talked to us on Killifish. Letting us into a number of wrinkles for breeding these beautiful fishes. For those of you who couldn't make the evening — Hard Luck! — perhaps you won't miss his next visit.

The raffle winners were;-

Mr Cunliffe..... pair of gardneri

Chris Welford.....cure.

Chris Cheswright..filter.

Derek Durranttube of sealer.

Alan Chapman.....Bag of *Limia vittata*

Alan put his prize back in when it was won by J.Payton.

CLASS Ea Betta splendens

- | | | | |
|------|----------------|------------|--------|
| 1.. | D.Little..... | blue..... | 71 pts |
| 2... | D.Little..... | red. | 68½pts |
| 3. | P.Mephram..... | .red.....' | 68 pts |

judge D.Durrant

Your editor wishes that he had put his specimen in perhaps it would have only got one or two points for deportment (it lays on it's side) but at least it should have got a fourth prize card.

CLASS Eay Betta splendens

- | | | | |
|------|-----------------|------------|--------|
| 1. . | R.Wylie..... | red..... | 73 pts |
| 2. . | T.Moltino..... | blue..... | 68 pts |
| 3.. | T.Moltino... .. | red..... | 67 pts |
| 4 .. | D.Willis..... | green..... | 66 pts |

judge, D.Durrant.

CLASS F Egg laying..Tooth carp

- | | | | |
|------|----------------|----------------|--------|
| 1. . | D.Little.. .. | dayi..... | 77 pts |
| 2. . | F.Gardner..... | lamp-eye..... | 76 pts |
| 3... | P.F.Capon..... | calliurum..... | 75 pts |
| 4.. | D.Little....., | playfairi..... | 49 pts |

judge D.Dare.

CLASS Fy bgglaying Tooth Carps

1. .R.Wylie.....	australe.....	79 pts
2.. .C.Cheswright.....	australe.	78 pts
3.. .C.Cheswright.....	australe..... .	77 pts
4-.. C.Cheswright.....	panchax.....	74 pts
judge D.Dare.		

INTER-CLUB MEETING AT EAST LONDON March 15

The entertainment this evening was a little different you editor was rather confused (nothing abnormal) Henry White of Hendon gave a slide show encouraging us to look more closely,

CORYDORAS & BROCHIS

1. .B.Wright.....	Thurrock
2. .B.Wright.....	Thurrock
3. .B.Wright.	Thurrock
4-.. .Mr Jones.....	Romford.

A.O.S. CATFISH

1.. K.Apployard.....	Thurrock
2. . K.Appleyard.....	Thurrock
3... P.Mephram	S.L..A.D.A.S.
4. .. Mr Waitwell.....	Romford.

A.O.S. EGGLAYERS

1.. .B.Wright.....	Thurrock
2. . P.Mephram.....	S.L.A.D.A.S.
3... J. London.....	Thurrock
4-.. .A.Waitwell.....	Romford.

A.O.S. LABYRINTHS

1.. .B.Wright,	Thurrock
2.. .P.O'Brien.....'	Thurrock
3. . J. London.....	Thurrock
4.. .M.Pearson.....,	.East London.

MOLLIES

1. . J.London.	Thurrock
2. . K. Sparling	Thurrock
3. . K. Sparling	Thurrock
4....K. Sparling	Thurrock.

judges were Ken Nutt & Stan Cowell

The points gained by the clubs in this round were:-

Thurrock 41., S, L.A.D.A.S. 5, Romford 3, and East London 1

there are three more rounds to go the next is at home on May 21, don't let Peter Mephram be our only supporter. This year Romford & Becontree club has joined this competition for the first time as North Kent had to withdraw owing to heavy commitments on their side of the water.

MEETING March 19

A quiz organised by Dot Chapman and Ted Joyce the results were team one 13 points, team two 13 points, and team three 15½ points. Can't remember much else about the quiz except that your editor disagreed on principle, try again principle, with each and every answer.

Raffle winners:-

Ted Joyce.....Sundae glasses.
heater..... .Peter Mephram.
pH .adjuster.....J.King.
2 "enjoy" booksR.V.Holland.

CLASS L Loach

1.. .G.Wickman.....	khuli.....	77 pts
2.. .P.Mephram.....	<i>A. Myersi</i>	76 pts
3.. .K.Adams	<i>B. Sidthimunki</i>	75 pts
4.. .K.Adams.....	<i>B. Strigata</i>	74- pts

judge E Nicoll

CLASS Ly Loach

1,, .D.Wylie....	Khuli	76 pts
2.. .C.Cheswright,.....	Khuli.....	73 pts
3. .C.Cheswright.....	khuli.....	71 P,ts
4. .K.Hearn.....	Khuli.....	68 pts

CLASS R Platy

1.. .D.Little.....	Red.....	75 pts
2. .H.Preston.....	variatus.....	74 pts
3,, .H.Preston.....	xiphidium.....	73 pts
4.. .H.Preston.....	xiphidium.....	71 pts

judge E,Nicoll

CLASS Ry Platy

1.....D.Wylie.....	red.....	77 pts
2. ..R..Wylie.	red.....	74 pts
3.. .R.Wylie..	yellow wag'... . ,.....	71 pts
4.. .D.Willis..... ..	wagtail.....	68 pts
judge E.Nicoll.		

MEETING April 2

This evening Dave Cheswright gave a tape slide talk on fish houses with interviews of various members in their fish houses. The idea was very good and the content of the tapes contained a great deal of useful information, unfortunately the cassette player used didn't have the power in our large hall. Dave spent something like ten hours preparing this item, it took him three hours simply to edit the tapes, and three more to assemble the slides to match the talking. Perhaps this program might be tried again with the use of different equipment in the hall.

Raffle winners were :-

Marj Edwardscheese set.
Mr Schooley.....fungi-stop
R.Wiley.....heater
P.Sinclair.....half gallon of pyrethrum free water.

CLASS Mini-tank

1. -.K.Adams,.....,..... .	79 pts
2. .G Coe..... .	75 pts
3...G.Coe.....	74 pts
4-.. D. Little.....	68 pts
judge D.Durrant.	

CLASS Mini-tank junior

1....C.Cheswright.....	73 pts
2.. .T.Moltino.....	.67 pts
judge -D.Durrant.	

Did you miss the last social?-Check the date for the nexti

MEETING April 16

Here we go again - the lecturer did not turn up- again apparently this one was going on a course-. Dave Cheswright filled in gallantly with our own slides on marines ,we doubt whether, some members even realized that there had be a last minute hitch.

The raffle winners were:-

Peter ToImic.....shrimp hatcher
Bob Wallings.....pearl danios.
T.Moltino.....gambusias

Bob offered his prize for a redraw but the tickets had been disposed of and so the danios were donated to a junior member.

CLASS T A.O.S. Livebearers

1.. H.Preston... ..	<i>H. Formosa</i>	68 pts
2.. H.Preston.....	<i>H.bimaculatus</i>	67 pts
3. H.Preston.....	<i>P. Intermedia</i>	65 pts
4-...D.Little.....	blue limia.....	63 pts

judge D.Edwards

CLASS J Rasboras

1. ..K. Adams.....	<i>cephalotaenia</i>	80 pts
2.. K.Adams.....	<i>sumatrus</i>	79 pts
3...K.Adams	<i>urophthalma</i>	78 pts
4.. K.Adams.....	<i>Dorsiocellata</i>	76 pts

judge .. P.F.Capon.

CLASS Jy Rasbora

1.. D.Willis.....	Harlequin.....	76 pts
2.. D.Wylie.... ..	harlequin.....	73 pts
3. T.Moltino.....	scissor.....	71 pts
4-..J.Hobday.....	scissor.....	66 pts

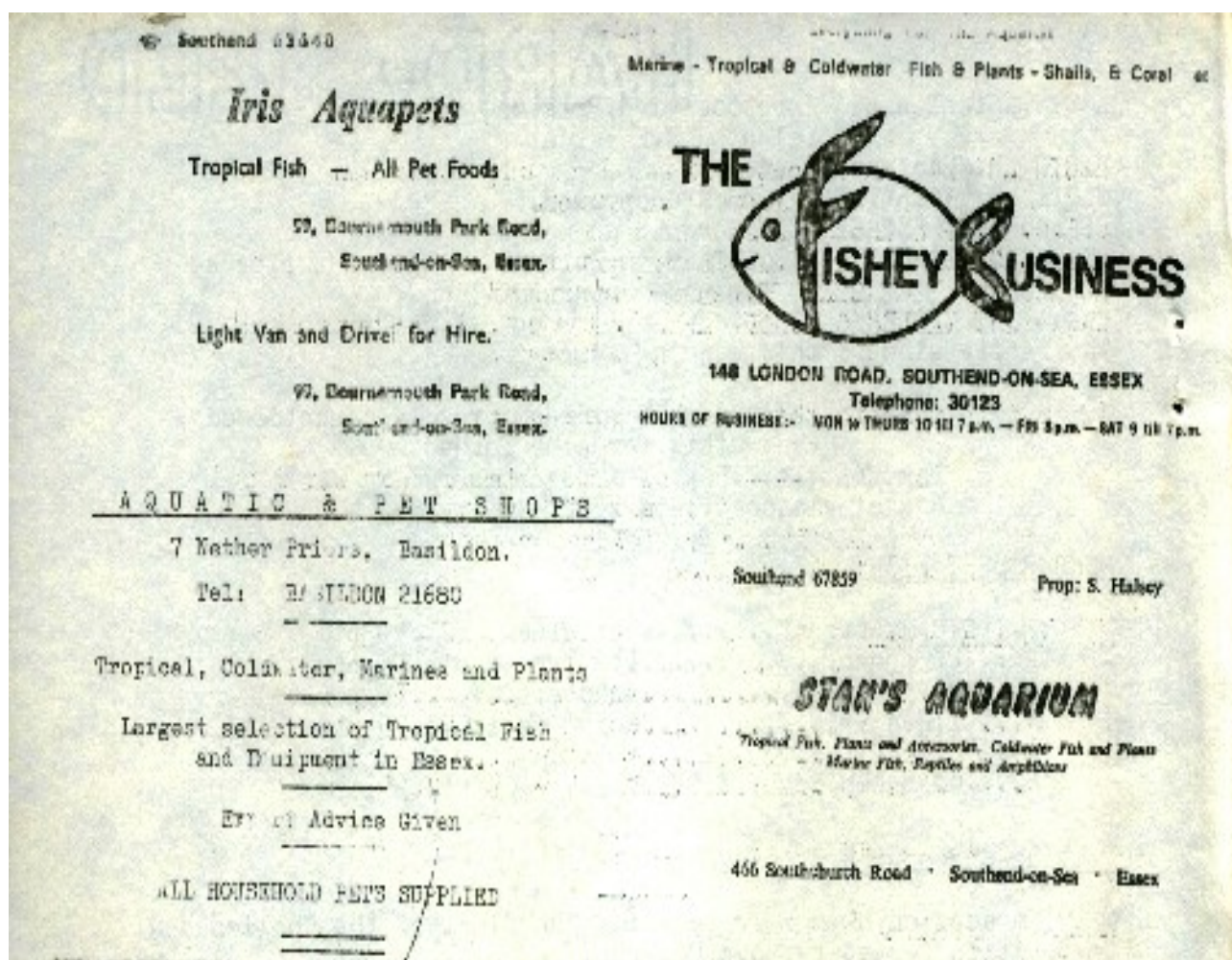
judge P.F.Capon.

COMMITTEE REPORTS have been held over until our next issue.

AQUATIC SAFARI is to be continued in our next issue, appologies for stopping so abruptly on page 13

MEXICAN TRIP MARK II Howard will be press ganged into writing another epic this time on his second trip to the "Land of the Livebearers" in our next issue — Won't you Howard!

S.L.A.D.A.S. like to join the best Society in the hobby contact our Secretary or the committee members living nearest to you or simply pop into one of our meetings.



EXCHANGES (continued)

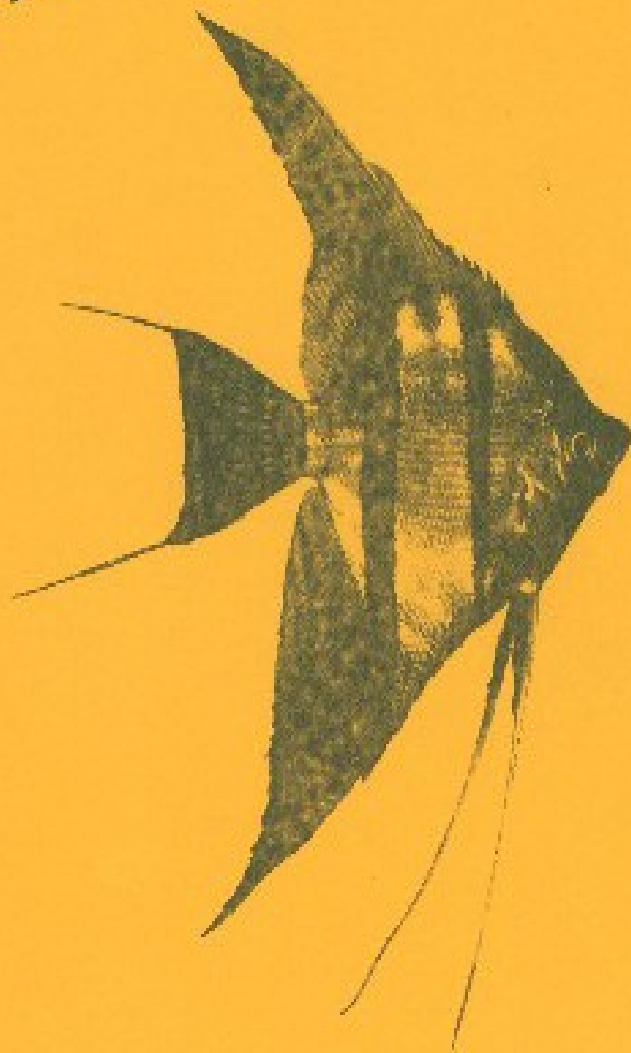
SOUTHEND, LEIGH AND DISTRICT EXHIBITION PROGRAMME 1952,

This issue is reviewed rather late. It cost six pence(ol d money) and for that you recieved 36 pages, containing adverts, a complete list of every fish entered in the show and articles on elements of tropical fish keeping, livebearers, and "Have you a hobby ", There were 263 entries in the breeders class. The Mayor of Southend, Clr J.Longman, J.P. was a Vice-President and presented the prizes, and judges were only two in number Mrs Meadows and Captain L.Betts.

JOIN US !

Obviously if you have read this far in our JOURNAL you must be interested in our wet friends if so why not join a club, in fact, why not join S.L.A.D.A.S. Come along to our meetings perhaps you could learn something or teach us something. In any case we can offer you interesting meetings and the chance to meet fellow enthus iasts.

SOUTHEND, LEIGH & DISTRICT



AQUARIST SOCIETY.
founded 1935 or before

SOUTHEND, LEIGH & DISTRICT AQUARIST SOCIETY

The Society meets every first and-third Tuesday in each month at 8.00 pm, at :—

**ST ANDREWS HALL
ELECTRIC AVENUE
WESTCLIFF-ON-SEA
ESSEX
ENGLAND**

(entrance in South Views Drive)

**BI-MONTHLY JOURNAL Number 55
JUNE- JULY 1974**

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OPEN SHOW 1975

The Open Show for 1975 will be held on the 10th of May at~ St Clements Hall Leigh-On-Sea the Show Secretary is:-

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EDITORIAL

To most of our readers and-members the Open Show already seems an age ago but the way this Journal is run this issue contains the results. . Incidentally thiei issue is as has become usual very late. Blame the editor - after eight years the task is necessarily loosing it's glamour — resign mate! Sorry about that diversion back to the Show.

We are sure that everyone would like to join us in thanking Derek Durrant for putting on such a good show; Derek will of course say that he was not the. only worker- true but a list of the other helper's would fill the rest of the page. There were numerous club members who hammered ,sawed, varnished, and we beleive poured molten metal, they weilded spanners, stretched polythene, lugged water, sold tickets, and even brought fish. A few hours later they took it all to pieces again. Then there were the out-of-town exhibitors from such far flung realms as Basingstoke, Sudbury, and even, if our spies are correct, Canvey Island. Then there were the gentlemen from F.B.A.S.land who judged the 700 odd exhibits, including one who shall be nameless who gave up his shift to judge our show-- no he didn't loose his shirt.

When we thank Derek we are also thanking him as a figure head —who said "What a figure",? Seriously, thanks Derek, thanks everyone who worked for S.L.A.D.A.S.!

FRED FINN MAZANEK — R.I. P.

contributed by D.M.Cheswright

Stanely Mazanek of Maricopa Arizona has been complaining for a considerable time about mountains of brochures, pamphlets, and sales leaflets that poured through his letter-box each day. Last summer he decided to play a hoax on one particularly persistant insurance company, he insured his guppy's life for 5,000 dollars. He entered the fish on the form thus:-Names Fred...Finn Mazanek. Age one month. Weight 30 mgrms. Height 3 cms. Good Health yes. Serving in Forces No. Relationship of .Beneficiary; owner.

The computer accepted the proposal! at the end of the six months paid for the computer requested a renewal which Stan paid !After a further month the guppy died so Stan claimed. A :Vice President of the company came requested to view the body which was duly retreived from the 'fridge and finally offered to settle as a compromise. Stanely received 650 dollars!

PRESIDENT'S NOTES

Our own Open Show now being in the past and having been successful both financially and, more importantly, from the hobby viewpoint, I hope members can think about other Society's shows. Thurrock and Corringham held their shows before our own and it is too late to support them. Dunmow had theirs a few weeks ago, their second only and I understand successful. ---with all the wine as first prizes I imagine they are at least happy.

Details of all shows, in Essex, London and elsewhere are available in the library box at club meetings, in amongst the Federation literature. I realize it is a question of time these days to attend shows, especially if you are entering fish, but it is a good day out and you can spend the time whilst judging is in progress looking around the town and local countryside -and visiting local aquatic shops. Even if you do not enter these shows your presence as viewers only is appreciated.— not all Society's charge a fee for viewing the entries.

I would like to see more support for our inter-club visits which are held during the year. The same few members attend each one. Much work goes into organising these and the talks provided are normally very interesting. Most important of all with shows and inter-clubs you get to know other aquarists and find out what they keep and what they breed. As regards entering fish do not think that because you are new to the hobby you cannot possibly compete. The quality of fish depends largely on how you look after and feed them and a one tank member can be successful at shows.

I am pleased to see that attendance at our meetings is still keeping around the 40/50 mark. This encourages the committee especially the old hands, who sometimes wonder if our program is holding members' interest. Here again I would like to see more support for the table shows — let's give the judges some work to do!

I have heard of a few cases of people having their ponds going green, especially when they are newly set up. One person has cleaned his out several times to keep it clear, without success. The points to remember are:-

- 1) A new pond will almost always go green in it's first year, especially when we have a lot of sunshine. and we have had this earlier in 1974
- 2) Cleaning out the pond will only repeat the process.
- 3) It is surprising how much plant and live-food there is in a pond. Do not overfeed the fish as this only provides the necessary conditions for algae- green winter type, etc, to develop,
- 4) Get as many plants as possible - lilies help to shield the sunshine.

AQUATIC SAFARI (continued)

by Keith Barraclough & Gordon Holmes (King British)

This was our first experience in the jungle and it was to teach us a very important lesson - just how easy it is to lose your sense of direction under these conditions. It took, some twenty minutes to make what we thought was a cut across a corner of the island, heading, as we thought, in an easterly direction. The going was a bit tough and we could only progress where we could find a small break in the undergrowth. We finally emerged right across the island, and had in fact, gone due West!

Our host was most worried he really thought that he had lost us. Back in the boat, then they told us of the many snakes around here, forty different species, on Singapore and the surrounding islands, eight of which are very dangerous. It was a very good experience that was to stand us in good stead for our experiences yet to come.

Now we headed back to Sudon island and on landing Tony said that we would be there for about an hour, an opportunity to return to the mangrove swamps in an effort to film the crocodiles. We cautiously tip-toed about searching for our shots but once more were unsuccessful. Gordon and myself were all for going into the jungle but Suzuki insisted that we stay in the open. "Too many snakes", he said.

On looking closely at the waters edge we found many mudskippers and, though they were very quick we were able to film them hopping from branch to branch of the mangrove roots. We spent quite some time filming, and watching them, and afterwards, headed back to the Boss-man's hut, where we were placed before a huge Malaysian meal of all kinds of things. This was a big event for the island and everyone turned out to watch us struggle through this varied food, which was mostly covered with very hot chilli sauce.

Tony said that it was too dangerous to stay overnight so we prepared to leave the island- Whilst the natives had been very friendly, he said that they were a little unpredictable at times and could turn difficult.

As we went along the wooden pier towards our boat, two local fishermen approached Kan Ho to show him the fish that they had caught and wished to sell. He agreed to look and they made off in a small boat, returning after ten minutes towing what seemed to be a huge wooden box. They docked it carefully alongside the pier and opened it to reveal about one hundred and fifty marine fish. Until they are taken to the mainland the fish are kept in these large, mesh-bottomed.....

boxes moored out in the deep water. Being in complete darkness, the fish do little damage to each other and, of course, are in fresh, changing water all the time.

It was like Pandora's box. It contained all kinds of fishes, one of which we are still unable to identify, though it was a sea-slug of some kind, like a flexible, flat tape coloured electric blue, yellow and black. We examined the "fish" very carefully and although the light was fading took some photographs. Amongst all this activity the Police Patrol boat arrived for it's evening visit; six armed policemen visited the island twice daily to keep the peace.

Now a storm was brewing, and there were very dark clouds between us and the mainland. Dusk was falling too, and there was lightening over Malaysia. We had not been sailing long before a breeze blew up, the water became choppy and it was necessary to hold firmly to the sides of the boat to stay in. It was now very dark, water was coming over the front and sides; between bailing out, Kan Ho was directing Hancock from the front of the boat. We were trying to go round the edge of the storm, seeing was very difficult and we had no navigation lights of any kind and, though we sailed on, we got no nearer to the mainland, just wetter and wetter,.it was like riding a roller coaster.

Tony was lying in the bottom of the boat his head covered in a towel (he told us the reason when we got back, but that was a good hour away and we had been at sea an hour already. By now tho storm was at it's height, with forked lightening over Malaysia, and sheet lightening over Java - it was a spectacle to watch. There was almost as much water passing through and over the boat as under it and we agreed that this was the most exilherating experience that either of us had ever had!.

We finally reached our destination soaked to the skin, tired out and exhausted but absolutely thrilled beyond imagination at our first day's experience. If this was just the first of our ten days in Singapore, what would the rest have to offer.?

Driving back to our hotel,Tony explained his fright in the boat. We had crossed the main shipping lines into Singapore in complete darkness and without navigation lights and had a big ship have come along it wouldn't have seen us and would have probably have washed us away. "Very dangerous", he kept saying, "Very Dangerous, Very Dangerous "!

The next day was very bright and hot and Tony collected us at nine a.m. We could feel the sunburn from yesterday on our backs as we set out to tour some of the many tropical fish breeders on Singapore island. The first stop was our Hotel's fish farm where it immediately became apparent the Singaporians have a collosal advantage over U.K. tropical fish breeders. They have virtually unlimited water space, need only, a glass tank, a concrete hole, to dig a hole, or get a plastic bucket and you have a fish tank! You need no aeration or filtration.....

because you have space and surface area.

Tony's farm has some 500 pools and tanks and is classed as a small one. Eight young Chinese men tend the stock and prepare for shipping. They are resident on the plot and live very simply, above the tanks, on an open sided raised platform with a sunshade-cum-roof. They work all kinds of hours and often seven days a week.

We spent two hours on the farm; filming and noting the various methods and ideas being used and were interested to see that the farm has seven wells so even water itself is no problem. We estimated that on this day we saw more fish than we had seen before in our lives, and that is some fish! There are fish of every shape and size, freshwater and marine, ready to be shipped all over the world, to Japan, Europe, America, Australia, and the U.K.

By now the sun was unbearable. Gordon was having trouble with the mosquitos and already had more than twenty lumps and swellings. I must be bad meat, as they were showing no interest in me.

(to be continued)

EXCHANGE REVIEWS

by D.M.Cheswright.

MODERN AQUARIUM April 1974, Spawning Oscars, *Astronotus ocellatus*: is covered by J.Fryhover. These are large fish and the writer states that the females are quite likely to kill the male if she is not watched. A large tank is required to raise and breed these.

GUPPY POND April 1974, includes an article by J.Miller on "Save the Babies". He gives advice on methods of saving guppy fry from the female and these can obviously be used with other livebearers.

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PETFISH MONTHLY July 1974, J.Hoedman writes on "Naturalists Guide to Livebearers". This covers the breeding method and covers the development of the male's anal fin as gonopodia. F.W.Orme deals with "Holiday Time and your coldwater fish -basically feed well before you go away, cover ponds with nets to keep off cats and herons, etc, and do not worry with feeding whilst away for a week or so. This also applies to tropicals which can quite easily be left unfed rather than trust to someone inexperienced.. R.Zukal writes on breeding *Rasbora heteromorpha*, the harlequin.

AQUARIST & PONDKEEPER, July 1974 For people who like tilapas which grow large and eat anything R.Dunleavy writes on the Golden tilapia. The blue acara is also covered by E.S'chulze.

ALL MAGAZINES ARE AVAILABLE IN THE LIBRARY free of charge

SOUTHEND, LEIGH AND DISTRICT AQUARIST SOCIETY OPEN SHOW

MAY 11th 1974

CLASS Ab CLUB FURNISHED AQUARIUM

- 1... .. Harlow A.S. (June Salisbury)
- 2... .. Dunmow & Dist (P.Roche)
- 3... .. S.L.A.D.A.S. (Howard Preston)

CLASS Ag MINATURE FURNISHED AQUARIUM

- | | | |
|-------------------------------|------------------|--------|
| 1...Mr & Mrs G.Tolladay. | Ch'ngford. . . . | 77 pts |
| 2... June Salisbury....' | Harlow.'.,. | 72 pts |
| 3.. .E. Booth.-. | unattached. . . | 71 pts |
| 4 . .Alan Chandler | Walthamstow. | 70 pts |

CLASS Ak INDIVIDUAL AQUASCAPES

- | | | |
|---------------------------------|------------------|---------|
| 1.. .Master- S. Emptage.1 | . Walthamstow, . | 79 pts |
| 2. . .June Salisbury | Harlow. | 75 pts |
| 3. . .D. North. | Corringham. . . | 74 pts |
| 4...Mrs D.Eaton | Corringham ... | 73½ pts |

CLASS Bz A.O.S. BARBS

- | | | |
|---|------------------|---------|
| 1. . .Doris- Cruickshank (trispilos). | Ealing.. | 79 pts |
| 2. . .R.Onslow (phutunio) | Bas ingstoke . | 78½ pts |
| 3... Mr Reilly (rosy).... | Runnymede. . . . | 78 pts |
| 4 . . .Mark Lewis (ablaves) | Sudbury | 77 pts |

CLASS Ba Barbs

- | | | |
|--|-----------------|---------|
| 1... Mr & Mrs Hubert (schwanenfeldi) | unattached. . . | 7\$ pts |
| 2... Mr & Mrs Hubert (f ilamentosus). . | unattached. . . | 77 pts |
| 3 .P.Coyle (orphoides)..... | Independent. . | 76 pts |
| 4. . .Harry Juson (f ilamentosus) | Thurrock | 72 pts |
| 5. | | |

CLASS Cz A.O.S. CHARACINS

- | | | |
|--|------------------|--------|
| 1...P.Coyle (<i>Tetragon chalceus</i>) | Independant. . . | 81 pts |
| 2. . .T.B.Adams (<i>Cten` spilurus</i>) | unattached. . . | 80 pts |
| 3... F.A.Pimm (blind cave tet ')..... | Chingford | 78 pts |
| 4. ..J.M.London (<i>Dist` affinis</i>) | Thurrock | 77 pts |

CLASS Ca CHARACINS

1...R.Bowes (<i>H. Anguhla</i>).....	Independant.. 82 pts
2...Colin Kislingbury (<i>H.haraldschultzi</i>)	Runnymede....81 pts
3...K.Appleyard.(blackline tet').....	Thurrock..... 79 pts
4. ..F.Rodgers. Cardinal.,	B/Green..... 72 pts

CLASS Cb CHARACINS

1.. .L.J.Brazier (<i>eques</i>)i.....	Sudbury -.... . 74 pts
2...L.J.Brazier' (<i>eques</i>).....	Sudburyi..... 73 pts
3.. .C.W.Goddard (<i>trifasciatus</i>).....	Sudbury..... 72 pts
4...T.Taylor & Family (<i>espei</i>).....	Basingstoke.. 71 pts

CLASS Dz A.O.S. CICHLIDS

1. ..Mr & Mrs Hubert (<i>severum</i>).....	unattached.. . 80 pts
2...C.J.Lyon (<i>fenestratum</i>).....,	S.L.A;D.A.S.. 78 pts
3 ...Mr Reilly (<i>curviceps</i>).....	Runnymede... .77 pts
4.. .Mr & Mrs Hubert (<i>portalgrensis</i>).... .	unattached). . 76½ pts

CLASS Da ANGELS

1...E.Booth (marble)..... .	Unattached.. . 77 pts
2...K.Martin (angel).....	Thurrock..... 76 pts
3...Mr & Mrs A. _E.Sharp, (species).....	Sittingbourne 74 pts
4....J.M.London (angel).....	Thurrock..... 73 pts

GLASS Db Cichlids

1...F.Vicker (<i>borelli</i>).....	East London.. 80 pts
2...Mr Reilly (<i>ortmanni</i>).....	Runnymede... .77 pts
3...M.Lewis (<i>kribensis</i>).....	Sudbury..... 76 pts
4...I Farlow (<i>borelli</i>).....	.Dunmow.....75½ pts

CLASS DC Rift Valley

1.. .R.F.Thoday.(<i>vermivorus</i>).....	Dunmow..... 88 pts
2.. .R.F.Thoday (<i>M perspicax</i>).....	.Dunmow..... 85 pts
3...May Nethersell (<i>trewavasae</i>).....	Riverside... - 83½ pts
4.. .K.F.Thoday (<i>P.microstoma</i>).....	Dunmow..... 83 pts

CLASS Ez A.O.S. LABYRINTHS

1...K.Adams (<i>Cten`acutirostre</i>)....	S.L.A.D.A.S.	77 pts
2...A.Chandler (<i>Cten`occelatum</i>)... ..	Walthamstow..	76 pts
3...B.L.Wright (<i>Cten`acutirostre</i>).....	Thurrock.....	75 pts
4. ..T.Wooley (<i>Cten`oxyrhinchus</i>).....	Harlow.....	73 pts

CLASS Ea BETTA SPLENDENS

1.. .P.Moye.....	Sudbury..	76½ pts
2...P.Moye.....	Sudbury.....	76 pts
3. A.P.Taylor.....	Sudbury.....	75½ pts
4...R. Wylie	S.L.A.D.A.S.	75 pts

CLASS Eb LABYRINTHS

1... M.Lewis (leeri).....-..... . -..	Sudbury. -	78½ pts
2...P.O'Bryan (leeri).....	Thurrock.....	78 pts
3 .D.C.M.Durrant (honey)..... .	S.L.A.D.A.S. -	77½ pts
4. .M.Lewis (opaline).....	Sudbury.....	77 pts

CLASS F EGGLAYING TOOTHCARPS

\.. .B.L.Wright (<i>A macrophthalmus</i>)..... .-.-Thur rock..-.- .		79 pts
2.. .J.M.London. (<i>A. Myersi</i>).....	Thurrock.....	78 pts
3. .R.F.Thoday (<i>J.floridae</i>)'.....	Dunmow.....	76 pts
4.. .D.Little (<i>A.dayi</i>)....."..... '.	S.L.A.D.A.S. ,	75½

CLASS G TROPICAL CATFISH

1....Mr & Mrs A.E.Sharp (<i>M.parahybae</i>). .	Sittingboiirne.	84 pts
2.. .E.C.Fantham (<i>Pim` gracilis</i>).....	Sudbury.....	83 pts
V. .B.L.Wright (<i>M.parahybae</i>).....	Thurrock.....	81 pts
4... K.Adams' (<i>Hyp' puctatus</i>)'..... .	S.L.A.D.A.S. ..	80 pts

CLASS H CORYDORAS AND BROCHIS

1.. .T.B.Adams (<i>episcopi</i>).....	unattached... .	76 pts
2.. .L.J.Brazier (<i>schwartzi</i>).....	Sudbury.....	73 pts
3-. .F.Rodgers (<i>melanistus</i>).....	Bethnal Green...	72 pts
4-.. .D.E.Little (<i>schwartzi</i>).....	S.L.A.D.A.S.. .	71 pts

CLASS J RASBORAS

1...W.Mason (<i>R.rasbora</i>).....	Roehampton... .	81 pts
2.. .M.Lewis (<i>hengeli</i>).....	Sudbury.....	79 pts
3. .K.Adams (<i>cephalotaenia</i>).....,	S.L.A.D.A.S.. .	78½ pts-
4. .P.O'Bryan (harlequin).....	Thurrock.....	78 pts

CLASS K DANIOS AND WHITE CLOUDS

1.. T.Cruickshank (<i>kerri</i>)	Ealing	83 pts
2... R. Bowes (<i>frankei</i>)	Independant.	77 pts
3. . P.D.O'Bryan (<i>albolineatus</i>).	Thurrock, . .	76 pts
4. . E.C.Fantham (<i>albolineatus</i>)	Sudbury	75 pts

CLASS L LOACH

1... I. Farlow (weather)	Dunmow	79 pts
2... R. Bowes (khuli)	Independant,	78 pts
3...D.C.M.Durrant. . (<i>sidthimunki</i>)	S.L.A.D.A.S.	77 pts
4...A.Coyle (Khuli)	Independant.	74½ pts

CLASS-M A.O.S-. TROPICAL EGGLAYER

1. .B. Peacock (<i>Ophicephalus obscurus</i>). .	Walthamstow.	79½ pts .
2... J.M.London (fire eel).....	Thurrock	79 pts
3. . M.Nethersell (<i>Channa asiatica</i>)	Riverside. . .	77 pts
4-...R. Bowes (red finned shark)	Independant.	76½ pts

CLASS Nb-m TROPICAL PAIRS EGGLAYER

1. . J.M.London (<i>Aplo`myersi</i>)	Thurrock	80 pts
2... R. Bowes (<i>angahlas</i>)	Independant. .	76 pts
3 .D.Cheswright (pearl danios)	S.L.A.D.A.S. .	75 pts
4...P.Coyle (<i>Hyphessobrycon haraldschultzi</i>)Independant ,		74½ pts

CLASS No~t TROPICAL PAIRS LIVEBEARERS

1..R.Onslow (<i>H. formosa</i>)	Basingstoke. .	75 pts
2. .M.G. Smith (<i>variatus</i>)	Walthamstow.	74 pts
3. J.H. Preston (<i>X. Pygmaeus</i>)	S.L.A.D.A.S. .	73 pts
4. . J.H.Preston (<i>X.xiphidium</i>)	S.L.A.D.A.S. ,	71 pts

CLASS 0 MALE GUPPY

1. . Mr & Mrs Cooper.	Corringham. . .	74 pts
2...K.Adams .	S.L.A.D.A.S.	73 pts
3... W.S.Clarke	Bury St Edmunds.	72 pts
4..Mr & Mrs B.Fry	North Kent...	71½ pts

CLASS P FEMALE GUPPY ,

1. . C.Kislingbury. .	Runymede
2. . C.Kislingbury.	Runymede
3. . Mr & Mrs Cooper	Corringham
4. . J. Garrad	Runymede

CLASS Q SWORDTAILS

1., J.H.Preston (wild green).....	S.L.A.D.A.S.	78 pts
2... P. 0 'Bryan (black).....	Thurrock....	69 pts
3...J.Furber (red).....	Thurrock....	67 pts
4...P.A.Grosvenor (green).....	Runymede....	68 pts

CLASS R PLATY

1... Mr Reilly (blue)..	Runymede. . .	74 pts
2... W. Mason (variatus).....	Roehampton..	72 pts
3... L.J. Brazier (comet)	Sudbury.....	69 pts
4... M.G. Smith (variatus)	Walthamstow.	68 pts

CLASS S MOLLY

1. . .M.Nethersell (blue sphenops).	Riverside...	75 pts
2... R. Sparling (black)	Thurrock....	74 pts
3. . .J.M.London (golden).	Thurrock...	70 pts
4. . .F.Rodgers (sailfin)	Bethnal Green.	69 pts

CLASS T A.O.S. LIVEBEARER

1. . .D.M.Cheswright (two spot)	SL.A.D.A.S. .	75 pts
2.....D.M.CHESWRIGHT (two spot).....	S.L.A.D.A.S.	72 pts
3...R.Onslow . (<i>H.formosa</i> ;)	Basingstoke.	71½ pts
4...D.M.Cheswright (<i>H.formosa</i>)	S.L.A.D.A.S.	71 pts

CLASS U SINGLE-TAILED GOLDFISH

1...J.Wylie (goldfish)	S.L.A.D.A.S.	
2...J.Wylie (goldfish)	S.L.A.D.A.S.	
3...J.Wylie (goldfish)	S.L.A.D.A.S.	
4... Mr & Mrs B. Fry (shubunkin)	North Kent	

CLASS V TWIN -TAILED GOLDFISH

1... A. Lawman (moor).	Associated Goldf.	74 pts
2... A. Lawman (oranda)	Associated Goldfish	72 pts
3. . .G.A.Fleming (moor)	Associated Goldfish	73 pts
4. . .G.A.Fleming (moor).....	Associated Goldfish	71 pts

CLASS W A.O.S. COLDWATER

1.. .B. Peacock (pumpkinseed)	Walthamstow.	78 pts
2... Mr & Mrs B. Fry (<i>L. Gibosus</i>). .North Kent		71 pts
3...Mr&Mrs B. Fry (<i>L. Gibosus</i>).. . North Kent		68 pts
4...S.Hatton (stickleback)	Thurrock	60 pts

CLASS XB-m BREEDERS EGGLAYER

1.. Mr & Mrs Hubert. (<i>C.labiosa</i> (14. 9.73) .	unattached.	83 pts
2. V.C. Green (emperors, 20.12.73)..... .	Suffolk....	82 pts
3...P.Moye (<i>C.julii</i> 11,11.73).....	Sudbury....	81½ pts
4....B.Adams (<i>C.hastatus</i> 10.11,73).....	unattached,	81 pts

CLASS Xo-t BREEDERS LKEBEARERS

1.-. D.Cheswright ..(two .spot l6.2.74).....	S.L.A.D.A.S.	76 pts
2...R.Onslev/ (<i>Hcformosa</i> . 5-1-74-).....	Basingstoke	75 pts
3...Mrs S. Jordan (<i>Ps bimaculatus</i> 26.3.74)	Harlow.....	73½ pts
4... A Chandler (blue limia 20.12c73).....	Walthamstow	73 pts

CLASS Y MARINES .. ,

1..T.Taylor (<i>P biaculeatus</i>)-.....	Basingstoke	76 pts
2. ...E.Wooley. (fire clown).. ..	Harlow . .	72 pts
3,..D.Chesvright (clown),.....	S.L.A.D.A.S	71 pts
4. .E. Wooley (domino) .,	Harlow.....	68 pts

CLASS . Za -ROOTED PLANTS

1.. P.F. Capon (<i>C. Nevilli</i>)	<i>S.L.A.D.A.S.</i>	77 pts
2...Cheswright (sword).....	<i>S.L.A.D.A.S.</i>	76 pts
3...T. Wooley (Somulas }..	Harlow.....	75 pt
4...A. Chandler (vallis`)	Walthamstow	74 pts

CLASS Zb-cCUTTINGS AND FLOATING PLANTS

1.. H. Juson. (<i>bacopa</i>).....	Thurrock...	76 pts
2.. J.Emptage (<i>elodea</i>).. ..	Walthamstow..	74 pts
3- .A.Moltino (<i>cabomba</i>).	S.L.A.D. A.S..	72 pts
4-. T.Woolet (<i>Riccia</i>)... .	Harlow. ...	71 pts

CLASS B-My A.S, .TOPICAL. JUNIOR

1,...Rhonda Coyle (<i>angula</i>)...	Independant,	85 pts
2.. .D. V.Wylie .(.khuli).. ..	S.L.A.D.A.S. .	81 pts
3. ..C Chesvright (<i>Barbus everetti</i>).. ..	S.L.A.D.A.S. .	79 pts
4...K.Hearn (<i>P.kribensis</i>)..... . .	S.L. A. D.A.S. .	78 pts

CLASS U-Wy, COLDWATER FISH junior

..	1.. T. Reilly. (minnow).,	Runnymede
	2.. .T. Re illy (minnow)	Runnymede
	3.. D. V.Wylie (shubunkln)	S .L.A.D. A.S
	4...Stephan Hatton (stickleback).....	Thurrock

CLUB NEWS

Meeting Mavy7th

We had two talks this evening Don Finch on starting a pond and Howard Preston and Peter Mephram on Coldwater tropicals What! that doesn't make sense then you should have attended the meeting!

CLASS Z PLANTS

- 1...P.F.Capon.....ludwlgia.....79 pts
- 2...P.F.Capon.....nevilli... ..78 pts

CLASS Zy PLANTS

- 1., A.Moltino.....cabomba..... 80 pts
 - 2.. A.Moltino.....cabomba..... 77 pts
 - 3.. D.Wylie..vallis..... 72 pts
 - 4 A.Moltino.....bacopa..... 51 pts
- Plants were judged by D.Cheswright.

CLASS Db DWARF CICHLIDS

- 1.. D.Little..... kribensis..... 82 pts
- 2.. G.Coe..... thomasi..... .81 pts
- 3.. G.Coe..... thomasi..... . 78 pts
- 4.. K.Adams.....thomasi..... 71 pts

CLASS Dby DWARF CICHLIDS

1. .R.Wylie..... . Anomola..... 78 pts
- 2.. K.Hearn..... .kribensis..... . 71 pts
- 3.. K.Hearn..... .kribensis.....,..... 68 pts

Dwarf cichlids were judged by A.Chapman.

The raffle winners were:-

Dave Edwards...automatic tea caddy.
Jim Payton.....cruet set.
Mr Kingheater.
Mr White.....heater.

Meeting May 21 INTER-CLUB AT SOUTHEND.

This evening we were hosts to Thurrock, East London, and Romford.....

CLASS J.K. DANIO, RASBORA & WCMM

1. . K.Adams., .	cephalantania	Southend'. 78	pts
2. . J. London.	Heteromorpha. . .	Thurrock..	77 pts
3. . K.Adams	urophthalma.	Southend.	76 pts
4....P. O 'Bryan. . . .	pearl danio«	Thurrock.	75 pts
judge C.Wood			

CLASS Dz A..O..S. CICHLID

1. , K. Adams	nassa.	Southend.	79 pts
2. . K.Adams	trewavasae.	Southend	75 pts
3. . G.Wickman.	convict.	Southend	74 pts
4. .R.Jones.	Egypt M/brooder. . .	Romford. . . .	71 pts
judge P. Cottle			

CLASS. R PLATYS

1. . J.London	blue.	Thurrock.	68 pts
2. . G.Coe	variatus	Southend	67 pts
3. . J.Boss . . .	yellow wag'	E.London	66 pts
4. . D.Little.	red . . ,	Southend-	65 pts
judge K.Saxby			

CLASS Q SWORDTAILS

1. ...H. Preston,	green. '	Southend.	77 pts
2. . P. O' Bryan.	black. . '	Thurrock	69 pts
3. . G.Coe.	Red	Southend	67 pts
4..H.Preston . . , . .	spotted.	Southend	65 pts
judge K.Saxby.			

CLASS D b DWARF CJCHLIDS

1. .M. Pears on.	aggassisi. .	E.London	77 pts
2. .F. Vicker	borelli. . . .	E.London	73½pts
3. .J. London	cockatoo. . .	Thurrock.	73 pts
4. .K.Medcalf.	anomola. . . .	E. London.	72 pts
judge P.Cottle			

BEST FISH IN SHOW Db M.Pearson.

The entertainment for the evening was a quiz chaired by Dave Edwards the results were.-
East London 26½ S.L.A.D. AS. 26, Thurrock 5, Romford 2.

-18-The raffle winners were:-

W.Carter (East London).....heater.
M.Wilson (S. L. A. D. A.S.)... . pump
J.H.Boss (East London).....filter wool
A.Ford (S.L.A-.D.A.S.)... ..food
C.Cheswright (S.L.A.D.A.S.)...food.

Meeting June 6

An auction need more be said !

The raffle winners were:-

Mr Gamble.. ..heater
J.King.. ..filter fibre.
Mr White..... plant.
P.Sinclair..... plant. . .:

CLASS. G TROPICAL CATFISH

1,.. D. Little..... *M.tengera*..... 73 pts
2.. K.Adams *H.punctatus*.....72 pts
3- .G.Wickman.....whiptail..... 71 pts
4...G.Wickman.....*callichthys*..... 70 pts
judge D.Durrant.

CLASS Gy TROPICAL CATFISH

1..,G.Cranfield..... *K.bichirrys*..... 70 pts
2.. K.Hearn. plecostomus ,,,,... 6? pts
3...G.Cranfield.»..... glass..... 66 pts
judge flash harry durrant (that's what the note from Ken says !-)

CLASS Nb-m PAIRS EGGLAYER

1... D.Durrant..... *B.bimaculatus*.....78 pts
.. 2.. .P.Mephram..... *Labuca*..... . 75 pts
3.. .P.Mephram. *C.melanistius*..... 70 pts
4...K.Adams ,*N`espei*.. , 69½ pts
judge D.Edwards.

CLASS Nb-my PAIRS EGGLAYER

1.. R.Wylie *B.schuberti*. .. 74 pts
2. . J.Leahy..... cherry barbs., 73 pts
3...D.Wylie..... *C.paleatus*.....,..... 72 pts
4.. C.Cheswright..... dwarf gourami.....67 pts
judge D.Edwards.

Meeting June 18th

This evening was for the "Herberts". Grahame Ruthven and John Pickett came from South London to talk on herpetology -all right in English - snakes lizards and amphibians etc. Amongst many interesting exhibits that they brought along that which caused the greatest stir -or rather the deepest silence - was the Rhinoceros viper; particularly when it decided that it didn't want to go back in it's bag. A number of members appeared to be ready for a quick sprint for the door!

The raffle winners were;-

D.Little.....	vase.
R.Wiley.....	white spot cure.
D.Edwards.,.....	heater holder
Peter Miell.....	plants .

Kevin Hearn drew a winning ticket but put it back in the draw.

CLASS Am AQUASCAPES

1,..D.Durrant.....	67 pts
--------------------	--------

CLASS Amy '

1..J.Leahy... .. ,.....	80 pts
-------------------------	--------

judge for these mammoth classes was P.Capon.

CLASS No-t PAIRS LIVEBEARERS

1.. D.Cheswright... ,. . .	mosquito.....	74 pts
2.. T.Blackmore.....	mosquito.....	73 pts
3... J.Robson.....	two spot.....	71 pts
4.. T.Blackmore.....	<i>L.vittata</i>	70½-pts

judge D.Durrant.

CLASS No-t PAIR LIVEBEARERS

1....R;Wylie.....	red platy.....	73 pts
2.. A.McWilliam.'.....	Black molly.....	72 pts
3 ...R.Wylie.....	lemon wag«.....	71 pts
4-.. ;P.Tolmin.....	.black molly... ..'.....	70½ pts

judge D.Durrant.

**IMPORTANT NOTE MEETING September CANCELLED —
SEPTEMBER THE THIRD**

Meeting July 2

This evenings talk was given by Dave Cheswright on Characins; we were to have had a visiting speaker why we didn't my notes do not say.

The raffle winners were:-

Mr King.....fry food & Methylene blue
D.Cheswright...ash tray
Mr Leahy.....glass something(sorry as usual I can't read my own writing*)

After spending a great deal of time hunting for lost table show results for this evening a glance at the program showed there were none; (incompetant editor— resign!) instead the show- was the third round of the members challenge.

Meeting July 16

Howard spoke on his second trip to Mexico - there is no truth in the rumour that there are now more unusual livebearers in South Essex than they have in the whole of Mexico !

The raffle winners were:-

Peter Leahy... ,,,decanter set.
Mr King.....pH adjuster.
S.R.Smith.....butter dish
Mr Taylor.....malachite green
D.Little.....condiment set

CLASS Dz A.O.S. CICHLIDS

1...K.Adams..... <i>Acaropsis nassa</i>	.80 pts
2...K.Adams..... <i>Labeo' trcwavasac</i>	76 pts
3 .P.Mepham..... .rainbow... ..	75 Pts
4.. .P.Mepham.....golden tilapia.....	67 pts
judge D.Durrant.	

CLASS Dzy A.O.S. CICHLIDS

1.. .N.Wilson-.....f iremouth	70 pts
2.. .P.Tolmie..... . . .blue acara.....	54 pts
3.. .T.Moltino..... .angel.....	52 pts
4. . .J.Leahy..... jewel.....	51 pts
judge D.Durrant.	

CLASS MINI-TANK SENIOR

1.	D.Little.....'	76 pts
2.	D. Little.....	74 pts
3	.K.Adams	72 pts
judge D.Finch		

This and one or two other classes have been poorly supported by the adults this year - please remember that if you don't support a class it could be discontinued next year — you have been warned!

CLASS MINI-TANK JUNIOR

1.. C. Cheswright.....	62 pts
2.. C. Cheswright..	58 pts
3 ...J. Leahy .	56 pts
4...A. McWilliam	54 points

Judge D. Finch,

Meeting July 25th INTER-CLUB AT ROMFORD

The speaker was a Mr Jones all the way from Southampton he spoke on diseases - a dangerous subject to attempt. The talk was interesting and informative, the only criticism being Mr Jones' contention that the white spot parasite could live for several weeks without finding a host. Anyone wishing to read up on this disease, we would recommend the series of articles written for the "Aquarist" several years ago by Dr Ghadially.

CLASS A.O.S. LIVEBEARERS

!...K.Adams
2...F. Jacobs
3...F. Jacobs
4...P.Capon

CLASS TOOTHCARPS

1...J.London 2,..R.Smith'-3,..Mr Byfieldl '
2...R. Smith
3...Mr Byfield
4...R. Smith

CLASS Cz'

1...K.Adams
2...K.Adams
3...K.Adams
4...P.O`Bryan•

1...K. Wrightson
2...K. Wrightson
3...Mr Byfield
4...R. Jones

CLASS GUPPY

- 1...Mr Beasley
- 2...J.London
- 3...K. Martin
- 4...J. Norris

COMMITTEE MEETING REPORTS

Meeting held at 5b , Fairlop Avenue, Canvey. , on 23rd of April.

Present were s- President, Vice«-President, Secretary, Treasurer, .Howard, Preston, Ted Joyce, Peter Capon, Dave Little, Derek Durrant , Ken- Adams , and Peter Mephram; appologies from Fred Gardner

The secretary stated that she had priced the cups to replace the one that had been lost - this would cost between £7 and £8, it was agreed that Ken Adams should check in the catalogue for prices. A letter from the water board was read, agreeing to give a lecture on the 5th of November. A further letter from the board stated that they would endeavour not to put pyrethrum in the water on the 10/11th of May.

Derek Durrant enquired as to how the. Open Show tickets were selling. Ted : Joyce asked at what point in the year new members,. need -only pay half price; it was agreed that the date should be the first of May. Ted also stated that the library box was getting damp aid wondered whether Mr Catley would allow us to resite it in a drier position. ..Alan Chapman suggested that, alternative venue might be considered for the Socials as the Grand was not really big enough. The secretary read a letter from Thurrock suggesting a combined Open Show.. Meeting closed 11.20 pm,

Meeting at 359 : Hayleigh Iload , Thunders ley. on 28th of May. Present were:- President, Vice-President, Secretary, Treasurer Derek Durrunt, Ted Joyce, Howard Preston, Dave Littell, Peter Capon, Ken Adams , Peter Mephram. Appologies from Fred Garner who also resigned from the post of Social Secretary owing to pressure of work.

Thanks were giver to : Derek Durrant for a most successful OPEN show. It was agreed by seven votes to nil with three abstensions that the Secretary writes to Thurrock stating that we did not wish to take part in a combined Open Show.

Howard Preston asked where the equipment that he has from the Open Show was going to be stored, Mr Catley is to be asked if we can use the space under the stage, if club members are prepared to clear it out. Derek Durrant mentioned the Shell Open Day with four aquatic classes to be run by Corringham A/S. Ken Adams asked that members be reminded that entering Open Shows gains a member a -point, winning- a ticket gets more points a cup is awarded to the member gaining most points each year. It was agreed that visiting speakers and judges be given some-free raffle tickets, D, Finch asked that at our next Open show fishes be more .readily identified- for the benefit of the general public. The meeting .closed at 11.20 p.m. An extra meeting was arranged to plan theprogram for the first three months of 1975

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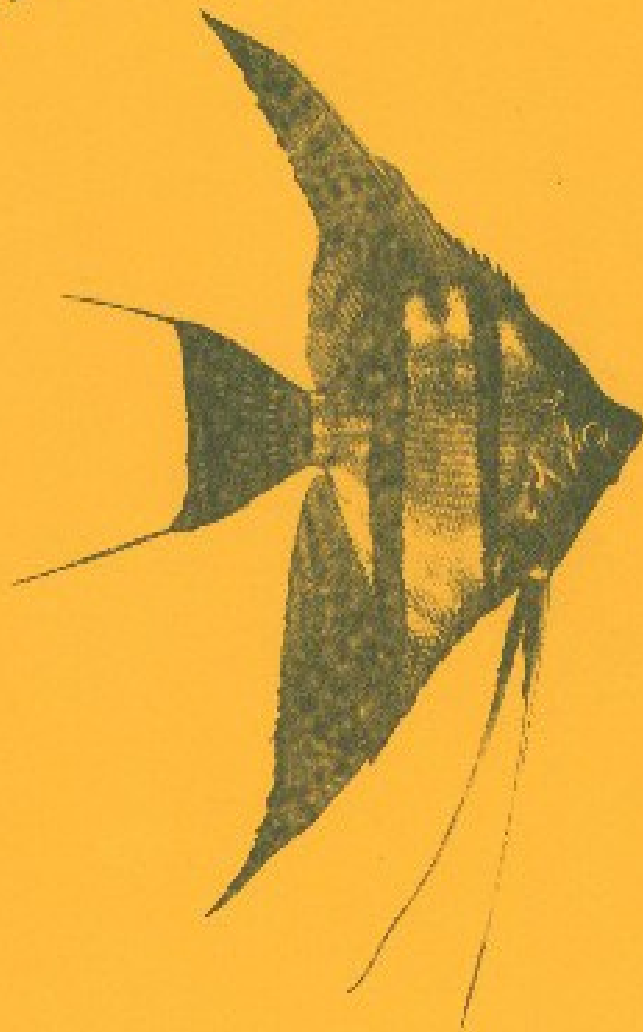
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Meeting held at Shangrila, Windsor Gardens, Rectory Road, Hawkwell. Present were:-
President, Vice-President-, Treasurer, Derek Dun ant, Ted Joyce, Howard Preston, Dave Little, Peter
Capon, Ken Adams, Peter Mephram.

Members of the committee agreed to clear out the stage at St Andrews Hall, Mr Catley having
welcomed the idea. The Secretary was asked to write and thank Mr Hearne for the loan of the
projector at short notice. It was agreed that two books be purchased for the library, both books on
ponds were highly recommended by Don Finch. Ken Adams stated that he had contacted
Corringham regarding the Inter-Club challenge and was awaiting written confirmation. Ken also
passed on a request from Mrs Edwards for cups, saucers and plates for use by visiting speake and
judges. Don Finch suggested a club outing to Wild Woods Water Garden Enfield.

SOUTHEND, LEIGH & DISTRICT



AQUARIST SOCIETY.
founded 1935 or before

SOUTHEND. LEIGH AND DISTRICT AQUARIST SOCIETY

The Society meets every first and third Tuesday in each month
at 8.00 p.m. at:-

ST ANDREWS Hall
ELECTRIC AVENUE;;
WESTCLIFF-ON-SEA
ESSEX
(.entrance in South View Drive)

BI-MONTHLY, JOURNAL Number 56
OCTOBER- NOVEMBER 1974

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P.PEN_SHOW our 1975 show is held over owing to the cancellation of the hall booking, and the resignation of our Show Secretary. Readers will be advised of the new venue and date as soon as practicable.

=====

The JOURNAL -in case readers haven't noticed is two issues of this Journal have been missed for which we apologise

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VIEWS EXPRESSED

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EDITORIAL



Are we going to ask which got you vote — no.' Your politics are your own business but what happens to S.L.A.D.A.S concerns us along with all our members. November 19th is our own election — the ANNUAL GENERAL MEETING.

On the 19th of November you have the right— nay the duty — to elect a committee to run your club for the next , twelve months. Note that — a full twelve months not just eight months.

Do you want to see the same old tired faces or do you want a completely fresh approach to running a fish Society. We have been polling members with our own poll and we predict either a swing to the coldwater, or towards the marine; but the gap is narrowing and tropicals are gaining much lost ground. It looks like being a close contest with perhaps a coalition being the final outcome. Attend our A.G.M. and you will be able to cast a vote for S.L.A.D.A.S. You will not have to sit up all night in front of the goggle -box to see the final result — our election is over in a few short hours. In those few hours You will decide how your Society is run, how your subscriptions are to be spent, what services you require be they outings, Inter-clubs, or simply the types of lectures. Your vote counts The same applies in S.L.A.D.A.S. as in the country if you don't use your vote you can't complain about the result; YOU really do control the Society, it is YOUR Society — attend the AGM , use your vote.

Don't just vote in the same fellow as last time because you can't be bothered to think. Use your vote wisely and make S.L.A.D.A.S. an even better Society. If you think you would make a good officer get some friend to nominate you — there is no deposit to loose.

In a more serious vein Dave Cheswright does not intend to stand as President this year but is willing to accept another post. Our spies also tell us that three other members may be quitting, we cannot divulge the names because we have been unable to get the conformation we need. Anyway put your thinking caps on and elect your committee. **THINK VOTE**

PRESIDENT'S NOTES

Once again the Society's year is coming to a close and the A.G.M. is on the 19th of November. This is the time when members can do their worst to the Committee Members who have served during the 1973/4 year. It is your Society and it is up to you to appoint the persons that you want on the Committee (provided they are willing),

The 1974 program: will no doubt, need some new ideas, **NOW** is the time to put those forward — is there a subject or a particular species of fish which has not been covered — is the Society's programme keeping you interested? Have there been enough Outings and Socials?

Please give your congratulations (reasonably polite) to the new committee.

There is a possibility of our editor moving out of the district — he has been saying this for years now — one day it may happen and someone will be needed to take over. Let's hope he can be persuaded to continue his Southend and world-wide circulation job for a time anyway..

The Home Furnished Competition, first judging, has now been carried out. There are ten entries and the pointings ranged from 45% to 67%, several being very closely pointed. No details can be given at this stage about individual entries. The Water Company has added Pyrethrumco the water but it was felt by the judges that members should have topped up all tanks before the date announced by the Water company, this being good fishkeeping sense. Therefore low water levels can lose points.

Appeals are made regularly for members to go to the old people's home, Nayland House, near the Airport on a two week rota basis. This is only to titivate the tank and can often only take a few minutes. The tank has got into a sorry state and has now been tidied up and new fishes added. The old folk appreciate our efforts and have pet names for several of the fishes. Please put your name on the list by giving it to our Secretary or myself together with dates .

S.L.A.D.A.S. MART

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One triangular tank, approximately 30 gallons contact:-

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WANTED S.L.A.D.A.S., are interested in acquiring a 7" reel to reel tape recorder, and a wide carriage typewriter, both required in reasonable condition and price.

(Members may advertise in. this feature)

AQUATIC SAFARI (continued)

by Keith Barraclough & Gordon Holmes.

We left the farm and headed for food. Our Host, being a Buddhist, did not eat beef but we were in need of some European food and so he took us to a drive-in steak bar. You could just drive up, blow your horn and a waitress came along clipped a tray to your door and you're in businessvery handy if you are in a hurry.

After lunch we went along to Tony's road manager, Ban Huat, who visits all the breeders to select and collect fish to bring to the farm for export. He was a great guy, "one of the boys", about our age and very helpful. Though he spoke only Chinese we seemed to get through to each other very quickly. He was a fish man with fish in his blood; he knew what we wanted to see and really put himself out to make sure we saw everything. We had only to go to a pool or tank and he would have the fish out for us to photograph. Over the next two days, Ben as we called him, became a good friend and a great sport and although we could not talk together without Tony interpreting most of the time it did not seem necessary. Ben breeds fighters -thousands of fighters - in fact we could not believe our eyes when first we saw his plot. He had over 10,000 fighters in one shed, each hung up in its individual bag. He also kept a fighting strain for the Eastern market. Very vicious little brutes. To spawn his fighters Ben used earthenware pots containing a banana leaf. He was also breeding Heckle discus in six foot square outdoor pools, their surfaces covered with Water Hyacinths, the pH was 6.2. The sight of a pair of discus, their very small young feeding from the body, fascinated us and we spent quite some time filming the scene. Ben also breeds pigs, as do many other fish breeders in Singapore.

Ben was to take us round the rest of the farms and thus we transferred the gear from the comfortable Mercedes to a very beat up little Datsun. We soon discovered why it was beaten up! Like many farms, fish farms are always up rough tracks, miles from anywhere, and Ben liked letting rip over the rough ground.

First he took us to see a woman breeder who owned a comparatively small farm where she specialized in livebearers, swordtails and platys. Since the swords were exceptionally large we took many pictures. This small farm was the only one on the island where we saw any diseased fish; most of the platys had white spot..

Our next call, a real eye-opener, was a large well organised farm run by Mr Ang who specialized in black: mollies.....about five million of them of all sizes up to a giant! We inspected his growing pool which was about the size of a football pitch and sub-divided by a planking system into fifteen by six foot areas. Submerged in each section, and secured to the planking, was a made to measure net, (they cost £3 each) and the complex had over a hundred such nets. Into each net some 3,000 black mollies are put and when they are of saleable size, the whole net is simply drawn up and the whole three thousand taken to the shipment area. Though it was a case of walking the plank, it was all very interesting.

The rest of the farm was a short distance away and had some six hundred eight by six foot pools containing yet more mollies. Dwarf gouramis are bred here in four gallon plastic buckets. When the pair has spawned the male is left in the bucket for a day or two until the young are ready to transfer to a pool for growing on. On the day we visited, there were two hundred buckets in use, Mr Ang did not know how many pools and tanks he had he said that he had never bothered to count them, but just made a few more if he was short!

Next we went to see Lim Hkow, who specializes in guppies.: His pools were teeming with growing male guppies of many different colours and strains, all carefully selected and graded. Guppies are one fish that do not seem to grow any quicker there than in the U.K.; they take four to six months to reach maturity, though there were a number of abnormally large females to be seen.

We were surprised to learn that Mr Hkow had been breeding guppies commercially only for the past year. It was evident that he had been breeding children a bit longer !

When we were offered limes to eat, picked fresh from the tree, Gordon sampled them and approved.

The next and last farm was located almost in the jungle and Ben really gave the Datsun some stick down this track. Lim Chiewlye specialized in livebearers and rubber trees and we spent some time looking into and learning about this new subject before going on to see some really large Lyretail black swords, Red Tuxedo swords, and albino swords, all of them with 5-6 inches of body. It was interesting to see that the fish seemed much larger when viewed from above but perhaps that was because we are not accustomed to seeing tropicals from that angle. Yet again there were many abnormally large female guppies with very good tail colouring.

Here we sampled another local fruit, Rambutan, which is like a large grape and very sweet.

As we left it was getting dark and Ben insisted on taking us to his local restaurant, a wild affair in a very busy village, with everyone walking in and out, shouting and carrying on. Here we got the lot - plate after plate of indescribable Asian food. Ben and Tony complained because we did not eat as much as them! Just as we thought we had finished, Ben jumped up, rushed to the corner and waved us across to a large tank containing Bass and Gobies, from which Tony asked us to select one which we wanted to eat. Chinese people are very persuasive and generous over food and Ben was no exception, so we finally selected the Bass type fish. The cook quickly whipped them out of the tank, into the pan and we were eating them within minutes. They were delicious.

The sanitation in country areas leaves a lot to be desired, as we were reminded when visiting the toilet. It was slightly upsetting to find this located in the kitchen and, alongside, a chap sitting on the floor chopping up and boiling crabs. We were glad we didn't have crabs!.

So ended another interesting, exciting and educational day, and although we were tired, we were also very happy. Before parting we planned our early start next day, when we were going into the Malaysian jungle to catch wild freshwater fish. It was a good job we were tired, otherwise I doubt if one would have slept for the mounting excitement.

The sun was bright and warm as, at 8.00 am, we left the busy town centre and headed out towards the short bridge connecting Singapore with the mainland of Malaysia. Before arriving at the customs post we saw our friend Ben again and transferred our gear once more into the little Datsun. There was a customs post at each end of the bridge and both were very busy.

We cleared the Singapore end without any trouble but things were rather different at the Malaysian end, where we had to explain the nature of our business and obtain a permit for our stay. It was now we realized the benefit of having a British passport, which gives freedom of entry into most countries. Carefully, the customs officer checked our credentials until coming to Suzuki. His passport, poor fellow, did not allow him to enter Malaya and they quite determinedly turned him back. Whilst we waited at the Malaysian end, Ben ran him back to the Singapore customs post, from where he could get a taxi back to the fish farm. Naturally he was very disappointed to miss what promised to be an exciting day and we felt bad about leaving him behind.

This sorted out we were on our way again and soon entered the rubber plantation region, where thousands of trees are.....

(continued on page 18)

EXCHANGES

by D.M. Cheswright

GUPPY ASSOCIATES OF TORONTO June 1974, "Why acid water kills your plants by author unknown. This article explains why plants can die , which happening is speeded up by the normally yellowish colour of acid water. For purifying water in general -the plant, Nitella, is recommended.

AQUA CHAT June 1974, I see on page two that the Newcastle (Australia) A/S holds a growing competition for juniors which is similar to Southend's Fry Rearing Competition. Three young goldfish are taken home and reared for ten months and are then judged
How to build a "simple garden pool" by Max Bower deals with plastic sheeting methods of construction.

THE WET THUMB Cleveland A/S undated, Kathy Bradshaw emphasises the importance in the U.S.A. of not flushing unwanted live fish away; it is not very kind to the fish concerned as, if diseased it would have probably died anyway and should have been put out of it's misery. Also healthy fish are finding their way to lakes and streams and can upset local ecology. This could result in the banning of imports of certain species much to the detriment of the hobby. (Ed' note., many species of tropicals are already banned, we understand also that Koi are forbidden in Australia)

"Go Big" by D.McMonigle. The author favours big tanks (over twenty gallons) as being easier to maintain in a healthy state without excessive work for the aquarist. Most start with small tanks and expand latter and the small tank man should not be discouraged by this article which also gives a useful list of do's and don't's to avoid mishaps; these apply to both large and small tanks.

MODERN AQUARIUM June 1874, (the typewriter's an idiot!) . reprint from **FISH CULTURIST** covers in much detail the "Breeding of the Dwarf Gourami".

Part one of "Helpful Ideas for Goldfish Breeding" by D.Law, .ncludes how to sex and condition goldfish for breeding, what sort of water to use, etc. It also shows detailed diagrams for taking nylon mops. Now that this has been shown in easy to follow pictures no S.L.A.D.A.S. member should be without one r more

PETFISH MONTHLY "Coldwater Scene" by F.W.Orme. Attention to your pond before winter, removal of dead leaves etc is necessary; useful tips here. The September issue.

(continued on page 18)

CLUB NEWS

INTER-CLUB CHALLENGE August 6

Corringham and Dunmow were to have visited us this evening unfortunately only Dunmow turned up. The talk or should we call it entertainment was supplied by Ron Dodkins of East London. Ron talked on "One of my interests" this turned out after a number of theatrical flourishes of cloths and bags --to be. fish photography. Ron turned what is often to your editor a confusing subject into an entertaining and enlightening talk. One member was heard to remark that when filming his sharks he always used a Bala leicai

Raffle; - a clean sweep for S.L.A .D.A.S..

Jim Wiley.set .of glasses
Filter Carbon..... Wally Hadkiss
Glass wool.....Don Finch
Carving set.....Miss Chapman
Pair fighters.....Bob Wallings
Microworms..... .Howard Preston

actually it wasn't quite a clean sweep as through an oversight Frank Vicker won an air pump.

CLASS B BARBS'

1...D. Durrant.....	<i>bimaculatus</i>	S.L.A.D. A.S.	77 points
2...K.Adams	<i>aurilius</i>	S.L.A.D.A.S.	72 points
3. . C. Cheswright....	.clown.....	S.L.A.D. A.S .	71 points
4.. D.Little.....	nigger.....	S.L.A.D.A..S.	70 points

CLASS C CHARACINS

1...K.Adams.....	<i>Ctn` spirulius</i>	S.L.A.D.A.S.	78 points
2...P.Mephram.....	.red eye tet'.....	.S.L.A.D.A.S.	77 points
3.. .M.Pearson.....	.blue tet`	Dunmow.....	74 points
4.. .R.Thoday.	<i>Hyp` bifasciatus</i>	Dunmow.....	72 points

CLASS E LABYRINTHS

1...K.Adams.....	<i>Ctn` acutirostre</i>	S.L.A.D.A.S.	78 points
2.. P.Rocheo	leeri	Dunmow	77 points
3...D.Durrant.....	honey.....	S.L.A.D.A.S.	76 points
4.. .D. Little.....	red fighter.....	S.L.A.D.A.S.	73½ points

CLASS K DANIO & W.C.M.M.

1...P.Mephram.	zebra-.....	S.L.A.D.A.S.	72 points
2...D.Edwards.....	W.C.M.M.....	S.L.A.D.A.S.	69 points
3 D.J. King	W.C.M.M.....	S.L.A.D.A.S.	68 points
J+.. .P.Roche..... ,	W. C.M.M.....	Dunmow.....	66 points

The: best fish in the show was Ken Adams' entry in class E, the judge was Colin Wood from North Kent.

For those of you who are a little confused - yes Mike Pearson ,Ron Dorikins and :Frank Vicker are members of East London Aquarist and Pondkeepers Association but they also belong ti, Dunmow -our spies tell us that they were of great assistance in starting this club and it is said that they are coaching Dunmow to beat S.L.A.D.A.S. since ELAPAS doesn't seem to be able to! (the editor daren't go to Barking now!)

Meeting August 20th

All our notes say is D.C. and P.C. on foods wonder what that means — now it comes back your editor rambled for more than his allotted time on collecting foods and left Dave Ches ' the shorter part of the evening to talk on culter, sorry, cultured foods ; Alan Chapman was to have talked on dried foods but he and Dot couldn't make it.

The fry for the fry rearing competition wdre handed out they are to be brought back on December 17th

The Judging competition was won by one of our junior members A. McWilliam

. . The raffle winners were:-

Decanter and glasses. Colin Symonds
Brush set,, Dave Edwards.
Bag of Swordtails. Mr White.
Grindal culture. Wally Hadkiss
Grindal culture. Mr White.
Bemax. Colin Symonds
Micro culture. Ken Adams .
Micro culture Capon fellow

Incidently the culture that your editor won turned mouldy few hours of entering his fish house
---must be a moral there somewhere!

CLASS Vy Twin tail

1...P.Tolie	oranda	48 pts
-------------	--------	--------

CLASS Uy single tail

1. ... A.McVJilliam	goldfish
2.	

These two mamoth classes were judged by Derek who found it difficult with so many fish exhibited; the adult classes were even better there were sweet *Censored* all in either of.....

the adult classes ! We are always being told that the coldwater fishes are the more demanding and need the greatest expertise apparently S.L..A.D.A.S. no longer boasts any aquarists worthy of the name!

CLASS W A.O.S. COLDWATER

1.. K.Adams.....	moon bass.....	75 pts
2.. D.Durrant.....	sun bass.....	72 pts
3...T.Blackmore.....	Gasterosteus aculeatus.....	65 pts
4.. T. Blackmore.....	Gasterosteus aculeatus.....	64 pts
the judge for his sins was the infamous editor.		

Meeting October 1 no scrub thatl that's not the way to get the typing done — try again——
Meeting September 3

This meeting had to be cancelled - the first meeting for many a year, the last being when we held our meetings at the Liberal Hall and an election was pending. This time the new Vicar decided he wanted the hall as part of his youth week -- apparently the-dance billed for our meeting night was cancelled so the church lost a booking fee and S.L.A.D.A.S lost a meeting and we fear one or two disgruntled members.

Meeting September 17th

Your editor had the audacity not to attend this meeting we think such non-aquatic action should be severely dealt with as an example to other committee members who might be tempted to err in a similar manner -the suggested punishment is for all members to with hold their -regular contributions to the JOURNAL — that should fix him!

We know that there was to be one of the F.B.A.S.'s famed slide/tape talks this evening but the G.P.O. decided this should, not be - the talk was consigned to the Post Office's tender care a week before it was required and suprisei suprise it arrived-the day after it was needed. It acheived the incredible speed of ¼ mile per hour, to call it a snails pace service (?) would be an insult to any self respecting snail !

We did hear the evening was rescued by Dave Ed' and Dave Ches'

The raffle winners were - don't ask me I wasn't there and it appears that my copy has already been cut off!

All Hail to Ken (1st, 2nd, 3rd, 4th) Adams! he hasn't ceased to supply copy here we have the table show results:-

CLASS. Xo-t BREEDERS LIVEBEARSR

1. . H.Preston	<i>Lermichthys multiradiatus</i>	70 pts
2. . D.Cheswright	<i>Ps bimaculatus</i>	69 pts
3.. D. Little	red platys.....	68 pts
4 . . H.Preston	swordtails	67 pts

CLASS Xo-ty BREEDERS LIVE BEARERS

1..R.Wylie	lemon wag platys	69 pts
2. . A.McWilliam. . .	guppies	63 pts

CLASS H CORYDORAS & BROCHIS

1... D. Little	<i>schwartzi</i>	75 pts
2... D. Little	<i>melanistus</i>	73 pts
3... D. Little	<i>blochi</i>	72 pts
4., D.Durrant	<i>myersi</i>	71 pts

CLASS, Hy CORYDORAS & BROCHIS

1. . D.Wylie	- <i>paleatus</i>	70 pts
2. . A.Moltino	<i>melanistus</i>	68 pts
3. . A.Moltino	<i>paleatus</i>	60 pts
4.		

All the classes were won by (losing his reason again!) --- were judged by Eddie Nicoll

Meeting October 1st

The last round of the members challenge (two 1's) but who won I don't know now Ken's cutting off my copyi Take that back I've just come across some not the Challenge but the other table shows.

CLASS K DANIOS & WHITE CLOUDS

1.. D.Durrant.....	pearl.....	68 pts
2... T.Blackmore.... ,,,	zebra.....	67 pts
3. . D.King.....	W.C.M.M.....	64 pts
4 . ,D.Little.....	Giant Danio.....	62 pts

CLASS Ky DANIOS & WHITE CLOUDS

1. .R.Wylie.....	pearl.....	75 pts
2. .J.Leahy.....	zebra.....	69 pts
3,, A.Moltino.....	pearl.....	66 pts
4.. A.Moltino.....	pearl.....	65 pts

CLASS Xb-m BREEDERS EGGLAYERS

1...D. Cheswright.....	glowlights.....	71 pts
2...D. Cheswright	pearl;.....	66 pts
3...P. Reed	<i>H.multispinosa</i>	66 pts
4... D. Cheswright..	zebra danios	58 pts

CLASS Xb-my BREEDERS EGGLAYERS

1. .C.Cheswright.....	tiger barbs.....	73 pts
2... .C.Cheswright.....	australe'.....	70 pts
3.. .R.Wylie.....	honey gourami.....	68 pts

The judges were Class K Ken Saxby, class Ky D.Durrant, both Xb-m classes both Ken Saxby and Derek Durrant.

This evening we were entertained and we think entertained is the right word by Mike Pearson to a talk on setting up a tank with- particular reference to breeding. Mike always seems to be able to give a talk which at first sight seems a comic turn but which really contains a wealth of information; to newcomers and so-called aquarists such as your ignorant editor. Mike always manages to teach us something. We thought his "Colonial barb".a gem.

The raffle winners were:-

R.Wiley....."Aquarium Plants" by O'Connell
Under gravel filter..... Derek Durrant.
Trio variatus Nicholas Ashford.
Trio variatus.....Ken Adams

COMMITTEE MEETING. REPORTS

Meeting held at 9, Locarno Avenue, Runwell on July 23 1974 Present were;- Secretary, Treasurer, Peter Capon, Derek Durrant, Ted Joyce, and Ken Adams. apologies from President, Vice-President, Dave Little, Peter Mephram.

The Treasurer took the chair. -Alan Chapman informed the committee that Howard Preston wished to resign from the committee owing to a lack of time. With regard to the Inter-club challenge on August 6 Corringham had been contacted and since there was a possibility of only a few members from that club turning up Dunmow had also been invited. Mrs Edwards had offered to do the teas at meetings until a replacement Social Secretary could be found but she had expressed a wish that she should not be regarded as a committee member. Mr Durrant was asked if he would be willing to accept the post of Open Show Secretary for 1975, he agreed. Ken Adams asked if the show tanks now in.....

Alan Chapman's loft could be moved and put under the stage at the hall, if so-he was willing to seal them.

meeting closed at 10.25 pni.

Meeting held at 172, Trinity Road, on the 27th August 1974. Present were:— President, Vice-President, Secretary, Treasurer, Peter Capon, Dave Little, Peter Mephram, Derek Durrant, and Ken Adams.

Dot and Alan Chapman expressed their willingness to arrange the Social in November. With regard to the surplus from the Open Show money, this was discussed at length, quite heatedly at times, eventually after the production of the club rules it was agreed by a majority of the committee that the proposal as originally passed on the 28th of May would have to be amended to abide by the club rules. This was done as follows-

" Any surplus monies accrued from any Open Show shall be handed over to the new Open Show Secretary, if he so desires, to be used for the next Open Show, subject to rule 17 of the Society rules". This was carried by 6 for, 2 against, 2 abstentions.

Derek Durrant stated that owing to the rather lengthy discussions as to what should happen to the Open Show surplus money in which he did not think that consideration was being given to the club; he had decided to hand in his resignation as Open Show Secretary. The President stated that the whole committee were upset to think that he had decided to resign and asked him to consider carrying on. A vote of thanks was given to Derek by the committee for the hard work that he had put in to make the Show such a success over the past two years, none of the committee wished to see him go.

The judges for the Home Furnished Competition will be Peter Mephram, Dave Little, and Dave Cheswright.

The meeting closed at 11.05 pm.

EDITOR'S NOTE the committee meeting held on the 24th of September lacked the services of our Secretary Dot so after much coercion your editor was inveigled into taking the minutes. Partly from innate laziness and partly because we thought that members probably didn't avail themselves of their right to read the whole of the minutes we are reproducing them here in the form that they will be presented to the committee at the next meeting; it should be remembered that these minutes have not been accepted by the committee and are therefore subject to possible minor alteration owing to the editor's poor handwriting.....

Minutes of the meeting: held at 19, Marine Approach, Canvey Island on the 24th of September '1974

Present were:- President, Vice-President Messrs D.Durrant, D Little, K.Adams and P.Capon.
Apologies from:- Secretary, Treasurer, and P.Mephram, E.Joyce.-

r

The meeting commenced at 8.25 pm.

Minutes of the previous meeting were read, approved and signed.

Matters arising.

The question of the new library books to be referred to the next meeting The President stated that he did not bring up the matter of the Social Secretary at the last club meeting as this meeting had proved rather hectic. The President had received the typewritten from the Secretary and he was arranging to have it serviced. The President pointed out that with D.Durrant's resignation as Open Show Secretary we were without a Show Secretary -and a hall for the show. The program for the first three months of 1975 was still not available from the Secretary.

The President mentioned the fact that the F.B.A.S. slide/ tape talk booked for the meeting September 17 turned up on the following day, he had made arrangements for our next hiring to be free. It was mentioned that at the last committee meeting the possibility of the club purchasing its own 7 inch tape recorder was brought up.

Treasurers Report - the treasurer being on holiday no report was available,

Meeting October 1st - Mike Pearson of East London to talk.

Members Challenge last round. T/S Xb-m, & K.

Raffle by K.Adams.

Meeting October 15th - Talk on Plants by C.J.Skilton.

T/S S & Mini 3

Raffle by .A. Chapman

It was suggested that whilst K.Adams was getting the raffle, for October 1 he might get some extras that could be kept-in case of emergency.

The equipment fund was brought up but since the original minutes when this fund was first mentioned was not available discussion could not take place. However suggestions were:-

Library books from K. Adams

Tape recorder from the President,

Library box from P. Capon.

Any other business

D. Little suggested that the club might be able to supply small show tanks to members owing to the difficulty in obtaining show jars.

Don Finch asked about the tank at Nayland House, the President stated that he had recently serviced the tank but that it requires new light bulbs, more fish and plants „the latter just seemed to have just disappeared. D.Durrant raised a question of the progress with the quiz cards, this was referred to the next meeting when the Secretary and E.Joyce would be able to answer. He requested that the secretary check the Trophies since the AGM is imminent; particular reference was made to that donated by Stan Hyde. At this point K.Adams suggested that the cups be numbered on the base for easy reference. Derek Durrant continued by stating that Thurrock were not strong enough to put on their round of the Inter-Club competition and that Romford & Becontree were quite prepared to stage this at St Augustins Hall on the 31st of October, Derek agreed to confirm this with the other Societies.

D. Little said that there were three Mini-tank table shows this year asking why this was so -the President said that this was requested by members but that the number for next year would be arranged by the 1975 committee.

.D.Little suggested that the show could be set up at the hall (not under the judges eye)

K. Adams said that he had a letter from Colborn Trophies detailing a display of Trophies at Chelmsford, two members agreed to attend the display. K. Adams also asked whether the society was to have a coach to the PetFish Show, the President replied that a coach had been booked provisionally..

The President stated that the Inter-Club quiz appeared to be in abeyance and. requested that the Secretary check that the trophy was in her care.. He had been approached by Harlow about an eight-way:Inter-Club but it was generally thought this would involve excessive travelling.. The Secretary was asked to write to Dunmow to ask if they had a date for our visit to them

The Julia Giles meritorious award was brought up and it was decided to ask members for details of breeding at the next meeting.. The President said :that Mr Catley had informed him that the fire insurance on our equipment at the hall was now due (50p) .Mr Catley also enquired whether the Society would be prepared to offer a donation to the church funds towards the cost of a new gas-cooker ; members were unanimous in rejecting this bearing in mind the dislocation and inconvenience caused by the cancellation of our booking for the first of September -It was suggested that in the event of any further cancellation members should be notified by postcard.

D.Durrant suggested members sign in. at meetings, at this stage in the year this suggestion is to be referred to the next committee.

Meeting close at 11.05 p.m., next meeting 2, Cedar Avenue, Wickford, on 22nd October.

EXCHANGES (continued)

The **AQUARIST & PONDKEEPER** September 1974, Coldwater items included two pages of useful answers to problems and queries by A.Boarder and keeping "Water For Koi" by W.Zaczeniut, the latter dealing with pond filtration on a simple principal

The results of Southend's show in May are printed in full on page 245

1

AQUATIC SAFARI (continued)

served daily so that the latex is obtained in prime condition. We came alongside the S.Sekudai, a big, wide, dirty looking river, where Gordon and I were all for getting out to fish but Tony nearly had a fit. The waters and swamp, he said are heavily infested with crocodiles and very dangerous.

It was an hour's drive to Petan Newas where we were to meet Goh Cheng Swee, a Chinese pineapple planter and our tracker for the jungle trip. Goff as we called him, was quite a wealthy man for these parts his fishing activities were somewhat of a hobby and he also hunted wild boar. Waiting only whilst he slaughtered some poultry, we loaded up his ageing Mercedes with sein nets large nets, and hand nets, plastic bags and oxygen and by 11 am were on our way to the Kota Tingi wild life reserve some fifty miles north-east.

The collage consists of four separate advertisements for aquatic-related businesses in Southend-on-Sea, Essex. The top-left ad is for 'Iris Aquapets', which sells tropical fish, all pet foods, and offers light van and driver hire. The top-right ad is for 'THE FISHEY BUSINESS', featuring a logo of a fish with the word 'FISHEY' inside its body, and lists marine, tropical, and coldwater fish and plants. The bottom-left ad is for 'AQUATIC & PET SHOPS', located at 7 Nether Priore, Basildon, and advertises the largest selection of tropical fish and equipment in Essex. The bottom-right ad is for 'STAN'S AQUARIUM', which specializes in tropical fish, plants, and accessories, as well as coldwater fish and plants.

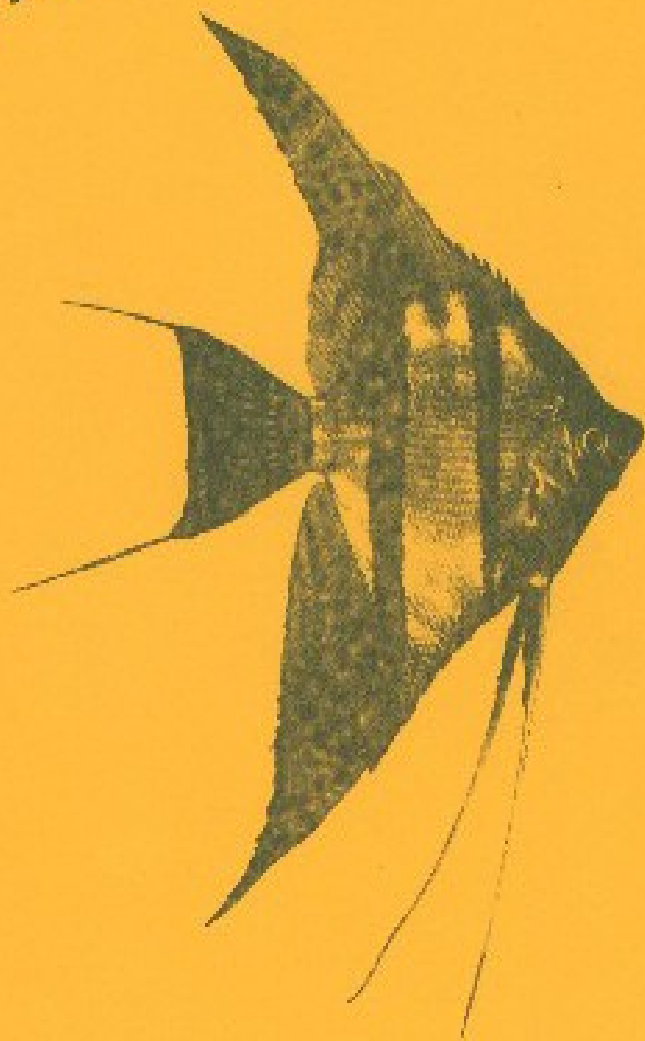
Iris Aquapets
Tropical Fish — All Pet Foods
57, Bournemouth Park Road,
Southend-on-Sea, Essex.
Light Van and Driver for Hire.
59, Bournemouth Park Road,
Southend-on-Sea, Essex.

THE FISHEY BUSINESS
148 LONDON ROAD, SOUTHEND-ON-SEA, ESSEX
Telephone: 30123
HOURS OF BUSINESS: MON TO THURS 10 AM 7 PM — FRI 9 AM — SAT 9 AM 7 PM.

AQUATIC & PET SHOPS
7 Nether Priore, Basildon.
Tel: BASILDON 21680

STAN'S AQUARIUM
Tropical Fish, Plants and Accessories, Coldwater Fish and Plants
Marine Fish, Seaplanes and Amphibians
466 Southchurch Road · Southend-on-Sea · Essex

SOUTHEND, LEIGH & DISTRICT



AQUARIST SOCIETY.
founded 1935 or before

SOUTHEND, LEIGH AND DISTRICT AQUARIST SOCIETY
(founded 1935 or before)

The Society meets every first and third Tuesday in each month at 8.00 pm, at:-

ST ANDREWS HALL
ELECTRIC AVENUE
WESTCLIFF-ON-SEA
ESSEX
ENGLAND

(entrance in South View Drive)

BI-MONTHLY JOURNAL Number 57
DECEMBER- JANUARY 1975

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The Open Show will after all be held on the 10th of May at St Clement's Hall ,\Leigh -On-Sea; all enquiries to the show Secretary, D.C.M.Durrant, 172, Trinity Road, Southend-On-Sea telephone Southend 610576

Did you see the mass of trophies last year - come along and win a few this year. Or how about asking Derek if he can use an extra pair of hands?

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EDITORIAL

Well ! you've done it again I You have saddled yoilrself with the samd Editor for yoct (?) another year. You have let yourselves in for another season of lousy typing, even lousier spelling, mis-quotes, incorrect reports and late issues.

Perhaps I ought to feel honoured but there is this niggling thought that no-one else is as incompetant as your Editor.-

Oh well! on with another year of scandal-mongering!

These addled thoughts lead us to wonder when we first took up the editorial chair; it was back in the prehistoric days of "1965", the first issue under our-care-being number 9 for October 1965. This issue boasted a printed cover with an illustration of a snakeskin gourami. The list of officers- includes only one other member that presently still sit on the committee, Dave Ches' ,although John Mason was the president at that time.

The **JOURNAL**, incidently, was revived by Howard Preston who" handed~"the chair-"over to the present incumbant complete with an ancient duplicator that put ink onto the carpet in a very efficient manner and on the odd ocassion had been known to actually print the odd page. The present duplicator was "found" at an auction for only £17 by Bob Orford our first Assistant Editor.

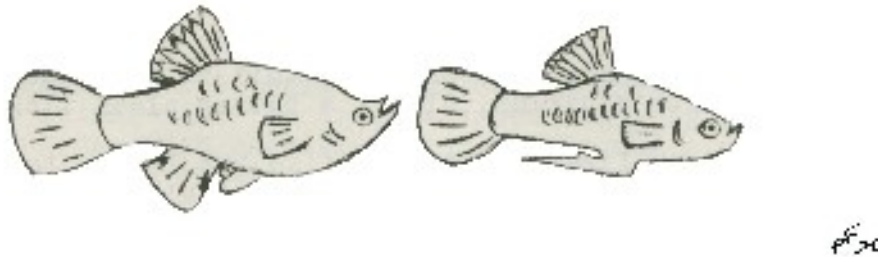
A. LOOSE MOTHER GOOSE FOR AQUARISTS USE

by Ginny Reed reprinted fromWet Pet Gazette 1965

Little Jack Horner sat in a corner,
Watching his fishes eat,
He stuck in his thumb,
Which was rather dumb,
PIRANHAS like all kinds of meat !

OPEN SHOW

Have you got the date.. '!.•• do you want to help.....do you want to exhibit....., if not why not.....
see Derek Durrant at 172, Trinity Road, or 'phone Southend 610576



PHALLICHTHYS AMATES (MILLER)
MERRY WIDOW

by T.Blackmore

Perhaps not the most widely kept of livebearing fishes. But this rather plain fish is high on my list of favourites. A fish that will survive almost any amount of abuse in water conditions, provided that they are not too extreme. Not having the time to play about with water conditions, I find that the local tap water, aged of course, is quite suitable at a temperature of between 72 and 75°F.

The Merry Widow is usually found when in good condition with its dorsal erect, this fin should be yellow edged with black, reminding me of the plumage on the helmet of an ancient Greek or Roman warrior. The tail is also yellow edged in black. Whilst the body varies from greenish yellow to grey with a blue sheen. The male often carries vertical black bars running along the rear of the body. He is distinguished by his very long gonopodium. This is of course the anal fin of the male live-bearer which nature has transformed into a sex organ.

From experience I find that this fish is very nervous, and will dash about the tank when disturbed. The females are said to reach two inches and the males one and a quarter inches. The largest female I have seen was one and three quarters at death, and I have not seen a male over an inch but then I have seen very few merry widows other than my own.

I have heard from many sources, that this fish only gives birth to about thirty young. But I know this not to be true, as one of my females at the last S.L.A.D.A.S. Open Show decided it to be the right time to give birth to 84 young. Of which over 40 were given away to two enthusiasts.

Another story that I have heard of this fish is that they produce five males to one female. In my opinion this is due to the fact that the parents love to eat their young and that the males are more suited to survive when born. When I have full broods which are saved from the parents I find 50% give or take a percent or two, of each sex. The fry are very tiny when born.

This fish is certainly very peaceful towards other fish.

and I have no reason to doubt that this is a suitable occupant for a community aquarium, albeit a rather plain fish

This is my first article on-fish but I hope to do some more in the future and as Peter Capon is always saying that no. one writes for the **JOURNAL** I would like to see a few more people expressing their views and opinions. Or perhaps they could attempt an article on their favourite fish as I have. Nobody will laugh at you, at least I hope not !

AQUATIC SAFARI (continued)

by Keith Barraclough & Gordon Holmes.

Whilst travelling through the rubber plantations, we came across a modern housing estate constructed for the plantation workers. It really looked out of place in these surroundings. Later we saw a steam train rushing alongquite a nostalgic sight these days. Once across the railway lines we turned onto the new road cut through the jungle and headed for Kota Tingi. As we passed -through what is one of the largest sugar plantations in Malaysia, covering some 20,000 acres, Goff told us that this area was once frequented by tigers but they had moved further into the jungle since the road was built.

We stopped in the village of Kota Tingi for a Malaysian meal but were in no mood for eating. Fish in their natural habitat were our interest, and we could not get there quick enough, thus we were soon off again. Goff said that we would shortly leave the surface road and turn off into the jungle. Suddenly, without warning, torrential rain fell and the road was awash in minutes. We were very upset because it would spoil our filming and Goff said that if it went on too long we would be unable to drive into the jungle because of the soft beds of the roads. However, just as it had started, the rain stopped, though Goff said that our fishing could still be affected if too much water had flowed down the streams.

At this moment we slowed down and turned into a narrow-sandy track amongst the trees. As we slowly rocked and bumped along I leaned out of the window to film the scene. It was breath-taking; huge trees lined the track, monkeys hooted, birds whistled and the whole area heaved with life. As we rounded one corner a wild boar shot up a bank into the bush. Suddenly we came upon the first of the many log bridges we were to cross.

Though it looked very shaky, Goff assured us that it was safe, adding that the track was used only by forresters logging wagons, much heavier vehicals than our own. As we crossed we could see fish swimming in the stream but we did not stop

On we went, crossing many more bridges, each a little more inviting than the last until finally we came to a fork and took the right hand exit into a clearing. In the clearing was a large bamboo and leaf type barn where Tony said that we would spend the night. "O.K.!", we said and began unloading the car. "No! No!" said. Tony, "I only joke!" He was most suprised that we were prepared to stay, "much too dangerous," he said.

We had prepared well for our jungle expedition, with canvas and rubber ankle boots to wear, in the water, jeans tucked into our socks, long sleeved shirts buttoned up, and a good coating of "Flypel", all in an effort to avoid leeches and mosquitos - but they were attacking Gordon even before we left the car.

Armed wlth all we were likely to need ,we set off on foot down a very overgrown track. Goff pointed to some wild boar prints on the bank - they were very new, he assured us, so we must be careful. Soon we came to an overgrown derelict bridge, which made a wonderful picture with the sun shinning on it through the trees. The water was crystal clear and we could see some large Rasboras, whilst six inch Tee barbs dashed up and down in the quick running water. Immediately. Gordon and I were in the water, though a little gingerly at first. Gooff told us to watch out for snakes in the trees overhead. Like the marine fish, the freshwater fish were not going to be easy to catch.and we spent some time learning how to adapt ourselves to the situation. Goff caught some yellow tail rasboras and harlequins and we tried hard with the Tee barbs, becoming so engrossed that.we wandered downstream, into quite deep water, where we found it difficult to move because the stream bed was covered with logs.

It was then that we heard the other chaps shouting.....something about elephants. Gordon rushed off to discover the cause of the excitment, leaving me chest deep in the water beneath the snake infested trees, without another human being in sight. When eventually I located the others, I was shown a heap of elephant dung in the middle of the track, and Goff said that it must have grazed here the previous night.

We moved on past many places of.obvious interest, which unaccountable Goof chose to ignore (much to our disappointment as we wanted to be everywhere) until we reached a spot which was a haven for plant collectors. There we found many varieties of Cryptocoryne, very strong ambullia, hairgrass etc, and in the waters edge beneath the overhanging growthwere many small *Rasbora elegans*, *Heteromorpha*, *borapetensis*, and the odd half-beak and bumble bee. Here we spent. a fascinating half hour before.....

moving on to a bigger stream, about four feet deep, which ran through a clearing and thus gave us the chance to do a lot of filming.

Here we caught larger *Rasbora elegans*, scissortails, and a crocodile fish. Butis collected several plants and caught a great big toad (Goof had told us the brown toads were O.K. but to be careful of the coloured ones,) Gordon and I had a riotous time dragging along the sein net; we several times lost our balance on the slippery stream bed, accidentally let all the fish out and more than once got a mouthful of the dirtiest water. This, it seems, is all in the game of jungle fishing and we were not complaining - not yet anyway!

All too soon darkness was falling and it was time to go.....the end of another day to remember.

When we returned to the car, we found leeches clinging to Gordon.

On the way back we called at Goff's place to leave him and the fish, which he would bring on the next day, and visited the drive-in restaurant -for a steak sandwich.

Our host, we felt, had worked hard enough and deserved a rest, so we suggested that he left us to our own devices for the next two days. He seemed puzzled at this but we assured him that we would be O.K. Back at the hotel, we quickly formulated our plans; we would hire a self-drive car on Saturday and Sunday, tackle the Singapore traffic and visit other fish suppliers we had dealt with or know of.

On Saturday morning we rose late and by the time we reached the car hire people they had nothing left. We thought that on Sunday we would return to the jungle on our own. All the time we were in Malaysia I had carefully plotted our route (my international rally experience came in useful) and I was confident that I could retrace our steps to explore all those places that Goff had ignored. It was therefore imperative that we not only got a car but one that was licenced for Malaysia as well. After much pleading and begging, during which some back-handed dollars changed hands, we persuaded them to let us have someone else's car, a small front wheel drive Datsun 1000 that was ideal for off the beaten track motoring. The late start left us with only four hours of daylight, in which we visited three suppliers, one of whom I had met in London a few months previously. He was amazed when we rung his door-bell because so few people do ! He is well off the main road, in a backwater, and normally people 'phone him and he visits them. We spent a pleasant hour on his fish farm, which is simply a forwarding centre for exporting, all fish being collected from such places as we had visited earlier in the week.

(To be continued).



LIBRARY NOTES AND EXCHANGE REVIEWS'

by E.Joyce

As you can see the job of-"Exchange Reviews" has changed hands, I only hope I can do as good a job of it as Dave Ches'.

On the library side, suggestions for new books on any aspect of fishkeeping are always welcome. Some of our books are getting a little "tatty" so please take extra care of them!. There are some books and folders for guidance during club meetings including show sizes and F.B.A.S. and S..L..A.D.A.S. rules.

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MAGAZINE REVIEWS

MODERN AQUARIUM.- .September 1974, It`s all for cichlid nuts.

PETFISH MONTHLY, October 1974, An interesting article On London Zoo aquarium, it's history and it's redesign. Each issue of P.F.M. contains a diary of Open Show dates.

PETFISH MONTHLY, November 1974, learn all about sea-horses in this issue.

AQUARIST & PONDKEEPER, August. 1974, packed with good articles; this magazine also carries a list of Open Show dates. October 1974, The Jubilee issue, fifty years of fishkeeping journalism; this larger than usual issue contains a supplement with articles on fishkeeping of fifty years ago and a look back at the magazine of Old. There is also a good write up on Discus.

F.B.A.S.- BULLETIN This Issue weighs up two different productions of Sterba's "Freshwater Fishes of the World" There 'is also a technical report on preserving fishes.

COLORADO AQUARIST January 1974 Short informative article on the feeding with beef heart, September issue a page full of anabantids

It is noticed that several of the exchange magazines also carry exchange reviews.

CLUB NEWS

Meeting October 15

The speaker this evening was Mr Skilton of Chelmsford who spoke on plants in your tank. We did not take notes on the lecture but if the silence in the hall was anything to go by members found the talk interesting.

Raffle winners were;-

Ken Adamssedge peat.
J.King.....sealer
Chris Hatchman.....food
Dave Little.....set of glasses
J.King.....filter mat
Mr White.....bag of lemon wags
D.King.....bag of moon platys
D.King,.....plant book.

TABLE SHOWS

CLASS S MOLLIES

1.. D.Little.,.....black.....	75 pts
2.. T.Blackmore.....	62 pts
3. ..T.Blackmore.....	

...

CLASS Sy MOLLIES

1.. A.Moltinoblack.-..... ,	67 pts
2.. P.Tolmie..... black lyre..... ..	66 pts
3. A.McWilliam.....black.....	65 pts
4; . A.Moltino.....black.....	56 pts

MINI-TANK SENIOR

1.. D.Little.....	82 pts
2.. D.Little.....	80 pts

MINI-TANK JUNIOR

1.. C.Chesuright.....	71 pts
2.. D.Wylie.....	70 pts
3. C.ChesBright.....	63 pts
4. J.Leahy.....	60 pts

The judges were Class S -D.Cheswright, Class Sy -P.Mephram, class Senior Mini-tank and junior D.Finch.

Meeting November 5

What a night to have a club meeting, members were thin on the ground. For our overseas readers November the 5'th is Guy Fawkes night when bonfires are light: and, fireworks let off. The gent , Mr Robson, who was to have spoken on., the waater boards trout rearing establishment was taken ill, luckily two other gents stepped into the breach and,showed us films-on the construction of the Hanningfield Reservoir and one on Water treatment and supply - very interesting. •*

Raffle winners : -

D.Durrant.,...a nset of glasses.

(sorry Derek we should have said drinking glasses!)

K.Adams..... .Salad servers - very good for serving Mbunas with algae?

TABLE SHOWS

CLASS Y MARINES

1...D.M.Cheswright,,,, clown..... 70 pts

CLASS P FEMALE' GUPPIES

1. .D. Lit tie..... 65 pts

2.. .D.Little..... ;..... 64 pts

INTER-CLUB AT ROMFORD (forgotten the date but must have been late October)

Bernard Pye gave a slide quiz, not sure who won everthing is hazy.

CLASS B

1...D.Durraht..... S.L.A.D.A.S.

2.. .Mr Byefield..... .Romf ord .

3. ..E.Cancan (?),..... Romford.

4...W.Corby..... East London.

CLASS Ea

1...W.Corby East London.

2...F.Vicker..... East I ondon.

3,. .W. Corby..... .. EAst Iendon.

4. .D.Byef ield..... Romford.

CLASS V

- 1.. .K.Adams.....,.....Southend.
2. .Mr Tiptree..... Romf ord.
- 3.. .Mr Tiptree.....Romford.
- 4.. .K.Adams.....Southend.

CLASS W

1. ..P. O'Brien. Thurrock
2. . .K.Martin Thurrock-
3. A Burnhall. Romford.
- 4... J .London. Thurrock.
- 5...

The points awarded- to the clubs 'were:-

Romford 13, East London 10, S.L.A.D.A.S. 9, Thurrock 8. Giving a grand total for the year of:
Romford 31, East London 28, S.L.A.D.A.S. 54, Thurrock 77

Thurrock were therefore awarded the Gavel and Block Trophy; perhaps 1975 will be our turn — only if we get the support of our members. We know you've got the fish, help your club win and get yourself some points towards the Highest pointed exhibitor award.

This round of the Inter-club competition should have been held at Thurrock but owing to their falling attendances they were unable to stage it so Romford stepped into the breach.

ANNUAL GENERAL MEETING

November 19

With the retirement of the 1973/4 committee Tom King and John Cooper were elected to officiate at the election of the new committee to serve for 1975. The election went as follows:-

PRESIDENT D.Edwards unopposed.

VICE-PRESIDENT nominated D.Finch and P.Capon, elected D.Pinch

SECRETARY D.Cheswright unopposed

TREASURER K.Chapman unopposed

JOURNAL EDITOR P.Capon unopposed.

ASSISTANT EDITOR G.Wickman uiopposed

(continued)

LIBRARIAN	E.Joyce unopposed
ASSISTANT LIBRARIAN	T.Blackmore
TABLE SHOW SECRETARY	K.Adams
ASSISTANT TABLE SHOW SECRETARY	D.Durrant
PUBLIC RELATIONS OFFICER	D.Little
SOCIAL SECRETARY.	Mrs D.Chapman

The raffle winners this evening were;-

J.Wiley.....Xmas pudding .
D.Edwards.....box of Xmas crackers
Jim Payton.....bottle of wine
Pete Cottle.....butterdish
K.Adams..... -.box of liquer choes
A.McWilliam..... aquarium heater.

TABLE SHOWS

MEMBERS BEST FISH

1.. .K.Adams-, .	<i>Ct acutirostre</i>	79 pts
2.. .D,Durrant..... .	<i>Botia sidthimunki</i>	77 pts
3.. .D.Cheswright.....	<i>Ps. Bimaculatus</i> ,.....	76 .pts
4. .G.Wickman.....	Blind cave 'tet'.....:	72 pts

MEMBERS BEST FISH Junior

1.. .C.Cheswright.....	<i>.Ras' maculata</i>	78 pts
2,. .R.Wylie,.....	emperor.....	76 pts
3...P.Tolmie.	platy.....	74 pts
4 ..D.Wylie..... ..	cardinal.....	73 pts

The judge for these two classes was P.Cottle of North Kent and something called F.B.A.S.

MEMBERS BEST SNAIL

1.. .D.Cheswright.....	76½ pts
2. .P.Capon.....	76 pts
3. .A,McWilliam.....---	74½ pts
4...C.Cheswright.....	74 pts

The judge was Derek Burr ant, who else could we chose in such a class which calls for a F.B.A.S. class "A" judge able to determine the vagaries of molluscan semaphore and semantics. It is rumoured.....

that P.H. Testing airmailed his entry from Milwaukee Aquarium Society but the plane was hijacked and the parcel eventually found its way onto an oil slicks table. (Anyone who is now lost doesn't read the exchanges - check out **Splash** in the library to find out more about their regular contributor P.H. Testing)

Whilst still on this table show, we understand that Derek wants to know who was responsible for the wording in our programme for 1974---"Members Best Snail" (Any species Judge D.C.M. Durrant). Social November 2.3 Alan discotecqued and a good time was had by all.

Meeting December 3

We were to have had a talk on Native fish but this didn't materialize, Dave Edwards arranged a quiz. The adult winner was Peter Mephram two juniors tied and a run off had to be arranged but our notes are as usual deficient on as to who won!

The raffle winners were;-

Set of glasses.....	Tony Moltino
Heater... ..	C. Cheswright
Candles and holder...	J. King

HARD LUCK TABLE SHOW

1.. D. King.....	harlequin.	63 pts
2.. D. King.....	Leeri.....	64 pts
3. ..D. King... ..	clown loach....	63 pts

HARD LUCK Junior

1.. D. Grant.....	harlequin.	70 pts
2..		

The judge was Derek Durrant. For new members the Hard Luck table show can only be entered by members who have not been awarded a first place in table shows in the preceding season which, of course includes the Hard luck show held at the beginning of the previous season.

MEMBERS CHALLENGE COMPETITION

1...D. Durrant.....	Khuli
2.. D. Wylie.'	paleatus
3. ..D. Cheswright....	shubunkin
4. . J. Payton.....	aurilius

HOME FURNISHED COMPETITION

- 1...R. Wallings
- 2...P. Tolmie
- 3...D. King
- 4... J. Leahy

Meeting- December 17

Something has gone wrong with the idiot's notes again Dave Edwards held a quiz again? Who voted for 'im — we didn't !!

The raffie-winners.were.-

.. .

- H. Preston.....cutlery set.-
- D. Finch.....decanter and glasses .
- J. Payton....heater/thermostat

FRY REARING COMPETITION

- 1.. .J. Payton
- 2...J. Payton
- 3...T. Blackmore
- 4 . .J. Payton

.....

This evening we had the first two suggestions in the suggestions box for THREE years, before we could stop him Ted Joyce screwed them up and threw them into the waste basket — is this why we haven't had any for three years Ted?

Meeting January 7

The first round of the Members Challenge.

The entertainment was supplied by Dave Cheswright giving a slide show on the PetFish Show with slides from the club slide collection,, and Alan Chapman's collection. In addition we were shown a number of well known rogues all looking incredibly young . . .

Raffle winners were,-

- D. Wiley Hors D'oeuvre set
- R. Wiley --egg cups
- Marg Edwards. cigarette dispenser

TABLE SHOW REPORT FOR YEAR 1973/4

by K.Adams

Points gained by members;-

Seniors

Mrs E.Coe.....	4
P.Mephram.....	33
G.Coe.....	35
T.Blackmore.....	22
C.Elsey.....	2
W.Hadkiss	1
K.Adams.....	89
D.Durrant.	36
H.Preston.....	39
D.Little.....	75
J. Payton.....	2
F. Gardner.....	3
P. Capon.....	10
G.Wickman.....	9
D. Cheswright.....	32
J.Robson.....	2
D.Edwards.....	3
D.J.King.....	4
P.Reed.....	4

Juniors

D.Wylie.....	33
C.Cheswright.....	52
R.Wylie.....	57
D.Willis.....	13
K.Hearn.....	23
A.Moltino.....	41
J.Hobday.....	1
G.Cranfield.....	6
J.Leahy.....	18
A.McWilliam.....	16
P.Tolmie.....	11
N.Wilson.....	4

Highest pointed Mini-tanks(Brookes Shield 1)..
 Runner-up mini-tanks(Brookes ShieldII).....
 Best Breeders egglayer (Barnes-Oak Cup).....
 Best Breeders Livebearer (Coronation Cup).....
 Best Characin (Duboisson Cup).....
 Best Egglaying Toothcarp (Halsey Memorial).....
 Home Furnished.....
 BBest Coldwater Fish (Jones Cup 11).....
 Runner-up Coldwater (Saunders Cup).....
 "Hard Luck".....
 Best Junior A.O.S Tropical (S.L.A.D.A.S.)...
 Best Plant Junior (S.L.A.D.A.S.11).....
 Highest points Open Shows.....
 Best Marine Fish..(Windermere Trophy).....
 Members Challenge Junior

.C.Cheswright
 D.Little
 C.Cheswright
 J.H.Preston
 K.Adams.
 R.Wylie
 R.Wallings
 A.McWilliam
 K.Adams
 T.Blackmore
 A. Moltino
 A.Moltino
 D.Cheswright
 D.Cheswright
 D.Wylie
 D.Durrant
 D. Little
 J.H.Preston.

Medals have been awarded for members gaining a first award but not gaining a trophy.

EDITOR'S, NOTE Why you may ask does Ken's name appear so often? Well, gentle reader, Ken supports each and every table show, well almost. If you supported the table shows your name might appears all over this page! Support the "Kick Ken off the list" campaign by exhibiting more often!!

COMMITTEE MEETING REPORTS

Meeting held at 36, Grafton Road, Canvey Island **November 26**

Present were;- President, Vice-President, Secretary, Treasurer, Messrs Capon, Durrant, Wickman, Joyce, Blackmore, Little, and K.Adams. Appologies from Mrs Chapman.

The President welcomed new members to the committee. The typewriter used by the secretary was mentioned, the Treasurer stating that he could get a quote for repairs if required. Don Finch stated that the "Lotus book of water gardening" had been purchased but he could not obtain the other book "Garden Ponds". Ted Joyce is to contact PetFish publications and Victoria Book shop re this book. The matter of the library box was brought up again, the President stating that one could easily be made.

Much discussion followed on the programme for the year ending March 1976, it was agreed to leave the final details to the Secretary, bearing in mind suggestions made at the A.G.M. etc.

Graham Wickman was instructed to obtain the duplicator from Peter Mephram. It was agreed that Dave Cheswright remain F.B.A..S. delegate

A discussion on Socials was held; Alan Chapman put forward his view that a larger hall giving more scope was required It was agreed to put the matter to Members.

Derek Durrant reported on extra costs envisaged for this year's Open Show and suggested a Grand Draw as a method of defraying expenses. Derek was requested to find out about costs and the Secretary about the legal aspects

Meeting closed at 12.20 a.m.

